



Neuroscience,  
Immunopathology,  
Cell Biology,  
Epitope Tags,  
IHC



# Bridging the synapse *between Immunology and Neuroscience.*

## **Neuroscience, Immunopathology, Epitope Tags, and IHC antibody products**

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As neuroinflammation and neurodegeneration become increasingly important topics, BioLegend is committed to the advancement of discovery in neuroscience. With the addition of a world-class Research and Development team (formerly Covance Antibody Services) and over 600 antibody products for emerging and important targets in this field, BioLegend is positioned to become a leader in neuroscience and immunology research. We extend our well-known quality, support, and value in the Immunology community to Neuroscience researchers world-wide.

### **Section Contents:**

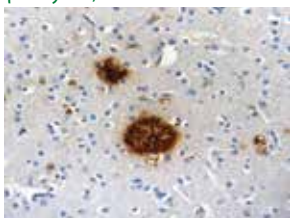
- **Neuroscience antibodies** for WB, IHC, IF, IP, ELISA, and recombinant proteins.
- **Immunopathology antibodies** (including IVD reagents for IHC) and detection chemistries.
- **Epitope Tag** antibodies, peptides, and affinity matrices.
- **IHC detection reagents** including ACUITYAdvanced polymer, Ultra Streptavidin, Hematoxylin, mounting media, and more.

Specificity	Clone	Isotype	Reactivity	Format	Applications	Former Cat. No.	Cat. No.	Size
α-Synuclein	4D6	Mouse IgG1	Hu, Ms, Rat	Purified	ELISA, WB, IHC	SIG-39720-200   SIG-39720-500 SIG-39720-1000	834301   834302 834303	200 µL   500 µL 1 mL
	Syn 204	Mouse IgG2a	Hu	Ascites	ELISA, WB, IP, IHC, IF	MMS-530R-200	838201	200 µL
	Syn303	Mouse IgG1	Hu, Ms, Rat	Purified	WB, IHC, IF, EM	MMS-5085-100	824301	100 µL
α-Synuclein Phospho (Ser129)	P-syn/81A	Mouse IgG2a	Hu, Ms, Rat	Purified	IHC, IF	MMS-5091-100	825701	100 µL
α-Synuclein, 103-108	4B12/Synuclein	Mouse IgG1	Hu	Purified	ELISA, WB, IHC	SIG-39730-200   SIG-39730-500 SIG-39730-1000	807801   807802 807803	200 µL   500 µL 1 mL
α-Synuclein, 115-121	LB509	Mouse IgG1	Hu	Purified	ELISA, WB, IHC	SIG-39725-200   SIG-39725-500 SIG-39725-1000	807701   807702 807703	200 µL   500 µL 1 mL
				Purified	IHC, WB, ELISA	SIG-39726-200   SIG-39726-500 SIG-39726-1000	807704   807705 807706	200 µL   500 µL 1 mL
β-Amyloid	Poly18058	Rabbit Polyclonal	Rodent	Purified	ELISA, WB, IHC, IF	SIG-39153-050	805801	50 µg
				Biotin	ELISA, WB, IHC	SIG-39154-050	805803	50 µg
	Poly18268	Rabbit Polyclonal	Rodent	Purified	IHC	SIG-39151-200   SIG-39151-500 SIG-39151-1000	826801   826802 826803	200 µL   500 µL 1 mL
β-Amyloid Pyroglutamy (Glu3)	337.48	Mouse IgG1	Hu, Ms, Rat	Purified	WB, IHC	MMS-5280-100	822301	100 µL
β-Amyloid, 1-8	1E11	Mouse IgG1		Purified	ELISA, WB, IHC	SIG-39110-200   SIG-39110-500 SIG-39110-1000	805201   805202 805203	200 µL   500 µL 1 mL
	2H4	Mouse IgG1		Purified	ELISA, WB, IHC, IP, IF	SIG-39120-200   SIG-39120-500 SIG-39120-1000	805301   805302 805303	200 µL   500 µL 1 mL
β-Amyloid, 1-10	20.1	Mouse IgG2b		Purified	ELISA, WB, IHC, IF	SIG-39350-200   SIG-39350-1000	806201   806202	200 µL   1 mL
β-Amyloid, 1-11	NAB 228	Mouse IgG2a	Hu	Ascites	ELISA, WB, IP, IHC	MMS-532R-200	835101	200 µL
β-Amyloid, 1-16	6E10	Mouse IgG1	Hu	Purified	ELISA, WB, IHC, IP	SIG-39320-200   SIG-39320-500 SIG-39320-1000	803001   803002 803003	200 µL   500 µL 1 mL
				LEAF™	ELISA, WB, IHC, IP	SIG-39321-1000	803006	1 mL
				Ascites	ELISA, WB, IHC, IP, EM	SIG-39300-200   SIG-39300-500 SIG-39300-1000	803015   803016 803017	200 µL   500 µL 1 mL
				Biotin	ELISA, WB, IHC, IP	SIG-39340-200   SIG-39340-500 SIG-39340-1000	803007   803008 803009	200 µL   500 µL 1 mL
				Alexa Fluor® 488	IHC, ELISA	SIG-39347-200	803013	200 µL
				HRP	ELISA, WB, IHC, EM, IP	SIG-39345-200	803011	200 µL
	M3.2	Mouse IgG1	Rodent	Purified	WB, ICC, IP	SIG-39155-200   SIG-39155-1000	805701   805702	200 µL   1 mL
				Biotin	WB, IF, ELISA	SIG-39156-200   SIG-39156-1000	805703   805704	200 µL   1 mL
	Poly8029	Rabbit Polyclonal		Purified	ELISA, WB, IHC	SIG-39322-050	802901	50 µg
β-Amyloid, 1-38	7-14-4	Rabbit IgG	Hu	Purified	ELISA, WB	SIG-39162-050	808601	50 µg
				Biotin	ELISA, WB, IHC	MRB-5215-050	808603	50 µL
β-Amyloid, 1-40	11A50-B10	Mouse IgG1	Hu, Ms	Purified	ELISA, WB, IHC, IP	SIG-39140-200   SIG-39140-500 SIG-39140-1000	805401   805402 805403	200 µL   500 µL 1 mL
β-Amyloid, 1-42	12F4	Mouse IgG1	Hu, Ms	Purified	ELISA, WB, IHC, IF	SIG-39142-200   SIG-39142-500 SIG-39142-1000	805501   805502 805503	200 µL   500 µL 1 mL
				Biotin	ELISA, WB, IHC, IF	SIG-39144-200   SIG-39144-500 SIG-39144-1000	805504   805505 805506	200 µL   500 µL 1 mL



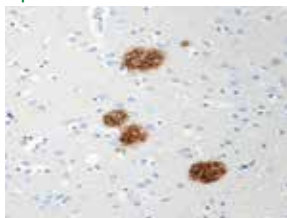
Specificity	Clone	Isotype	Reactivity	Format	Applications	Former Cat. No.	Cat. No.	Size
β-Amyloid, 1-43	9C4/Amyloid	Mouse IgG1	Hu, Ms	Purified	ELISA, WB, IHC	SIG-39143-200   SIG-39143-500 SIG-39143-1000	805601   805602 805603	200 μL   500 μL 1 mL
β-Amyloid, 17-24	4G8	Mouse IgG2b	Hu, Ms	Purified	ELISA, WB, IHC, IP	SIG-39220-200   SIG-39220-500 SIG-39220-1000	800701   800702 800703	200 μL   500 μL 1 mL
				Ascites	ELISA, WB, IHC, IP	SIG-39200-200   SIG-39200-500 SIG-39200-1000	800709   800710 800711	200 μL   500 μL 1 mL
				Biotin	ELISA, WB, IHC, IP	SIG-39240-200   SIG-39240-500 SIG-39240-1000	800704   800705 800706	200 μL   500 μL 1 mL
				HRP	ELISA, WB, IHC	SIG-39245-200	800707	200 μL
β-Amyloid, x-38	BA1-13		Hu, NHP	Purified	FC	SIG-39160-050	825101	50 μg
β-Amyloid, x-40	139-5	Rabbit Monoclonal Ig	Hu	Purified	ELISA, WB, IHC	SIG-39166-050	805901	50 μg
				Biotin	ELISA, IHC	SIG-39167-050	805903	50 μL
	29-6	Rabbit IgG	Hu, Rodent	Purified	ELISA	SIG-39164-050	825201	100 μL
	11A50-B10	Mouse IgG1	Hu, Ms	Biotin	ELISA, WB, IHC, IP	SIG-39141-200   SIG-39141-500 SIG-39141-1000	805404   805405 805406	200 μL   500 μL 1 mL
HRP				ELISA, WB, IHC, IP	SIG-39146-200	805407	200 μL	
β-Amyloid, x-42	1-11-3	Rabbit IgG	Hu	Purified	ELISA, IHC, WB	SIG-39169-050	812101	50 μg
				Biotin	ELISA, IHC	SIG-39170-050	812103	50 μL
	12F4	Mouse IgG1	Hu, Ms	HRP	ELISA, WB, IHC	SIG-39147-200	805507	200 μL
	BA3-9	Rabbit IgG	Hu, Ms, Rat	Purified	ELISA, IHC, ICC	SIG-39168-050	825301	50 μg
β-Amyloid, x-43	9C4/Amyloid	Mouse IgG1	Hu, Ms	Biotin	ELISA, WB	SIG-39145-200   SIG-39145-500 SIG-39145-1000	805604   805605 805606	200 μL   500 μL 1 mL
Abi-1	4E2	Mouse IgG2b	Hu, Rat, Ms	Purified	IHC, WB, IF	SIG-39710-200   SIG-39710-500 SIG-39710-1000	811401   811402 811403	200 μL   500 μL 1 mL
ADAM22	N46/30	Mouse IgG2b	Hu (weak), Ms, Rat	Purified	WB, IHC	MMS-5124-100	818401	100 μL
	N57/2	Mouse IgG1	Hu (weak), Ms, Rat	Purified	WB	MMS-5125-100	831001	100 μL
AICD	Poly8119	Rabbit Polyclonal	Hu	Purified	ELISA, IHC, WB, IF	SIG-39148-050	811901	50 μg
Alpha-I Spectrin	17C7	Mouse IgG1	Hu	TCS	WB, IF, IHC, ELISA	SIG-39700-200   SIG-39700-500 SIG-39700-1000	803101   803102 803103	200 μL   500 μL 1 mL
Alpha-II Spectrin	D8B7	Mouse IgG2b	Hu	Ascites	WB, IF, IHC, ELISA	SIG-39702-200   SIG-39702-500 SIG-39702-1000	803201   803202 803203	200 μL   500 μL 1 mL

β Amyloid, 1-42



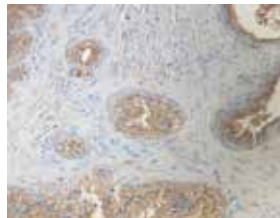
Staining of β Amyloid, 1-42 (clone 12F4) on formalin-fixed, paraffin-embedded diseased human brain.

Apo E4



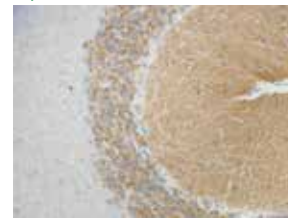
Strong staining of plaques on formalin-fixed, paraffin-embedded human Alzheimer's brain tissue using clone 5A9.

DJ-1



IHC staining of DJ-1 (clone E2.19) on formalin-fixed, paraffin-embedded human prostate.

Dynamin-1



Staining of Dynamin-1 (clone D5) on formalin-fixed, paraffin-embedded human cerebellum tissue.

Specificity	Clone	Isotype	Reactivity	Format	Applications	Former Cat. No.	Cat. No.	Size
AMIGO-1	L86/33	Mouse IgG2a	Hu, Ms, Rat	Purified	IHC, ICC, WB	MMS-5126-100	827301	100 µL
	L86/36	Mouse IgG1	Hu, Ms, Rat	Purified	IHC, ICC, WB	MMS-5271-100	804801	100 µL
	L86A/37	Mouse IgG2b	Hu, Ms, Rat	Purified	WB, IHC	MMS-5268-100	822101	100 µL
Amyloid Fibril (pan reactive)	B10AP		Broad	Purified	IHC, ELISA	MMS-5037-050	812201	50 µL
Ankyrin-B	N105/13	Mouse IgG1	Hu, Ms, Rat	Purified	WB, IHC	MMS-5246-100	821401	100 µL
	N105/17	Mouse IgG2a	Hu, Ms, Rat, Worm	Purified	WB, IHC	MMS-5247-100	821501	100 µL
Annexin A1	74/3	Mouse IgG1	Hu	Purified	FC	MMS-5237-100	831601	100 µL
Aph-1a, 92-115 (L/S Loop)	Poly18232	Rabbit Polyclonal	Hu	Purified	WB, IF	PRB-551P-100	823201	100 µL
Aph-1a, 245-265 (C terminus)	Poly18231	Rabbit Polyclonal	Hu	Purified	WB, IF	PRB-550P-100	823101	100 µL
Apo-D	8CD6	Mouse IgG1	Hu	Purified	WB, IHC, ELISA	SIG-39780-200   SIG-39780-500 SIG-39780-1000	826503   826504 826505	200 µL   500 µL 1 mL
				Purified	IHC	SIG-3622-1000	826501	1 mL
ApoD Matched Pair	8CD6 & 8BG4			Purified	ELISA	SIG-38910-pair	834201	PAIR
Apo E	D6E10	Mouse IgG1	Hu	Purified	ELISA, WB, IHC, IP	SIG-39740-200   SIG-39740-500 SIG-39740-1000	803301   803302 803303	200 µL   500 µL 1 mL
	E6D7	Mouse IgG1	Hu	Purified	ELISA, WB, IHC, IP	SIG-39750-200   SIG-39750-500 SIG-39750-1000	803401   803402 803403	200 µL   500 µL 1 mL
Apo E2	3C2	Mouse IgG2b	Hu	Purified	ELISA, WB, IHC	MMS-5046-100	815001	100 µL
	8G3	Mouse IgG2b	Hu	Purified	ELISA, WB	MMS-5047-100	812701	100 µL
Apo E4	5A9	Mouse IgG1, κ	Hu	Purified	ELISA, IHC	MMS-5016-100	811701	100 µL
	5B5/ApoE4	Mouse IgG1, κ	Hu	Purified	ELISA, IHC	MMS-5015-100	811601	100 µL
	5G7	Mouse IgG1	Hu	Purified	ELISA, WB	SIG-39752-200   SIG-39752-1000	813601   813602	200 µL   1 mL
	9D11	Mouse IgG1	Hu	Purified	ELISA, WB	SIG-39754-200   SIG-39754-1000	813701   813702	200 µL   1 mL
Apo J (Clusterin)	Poly18133	Rabbit Polyclonal	Hu	Purified	IHC, WB, ELISA	SIG-39080-050	813301	50 µg
APP	LN27	Mouse IgG1		Purified	WB, IHC, ELISA, IP	SIG-39188-200   SIG-39188-500 SIG-39188-1000	800901   800902 800903	200 µL   500 µL 1 mL
APP, 61-77	D3B10	Mouse IgG1		Purified	ELISA, WB, IHC	SIG-39184-200   SIG-39184-500 SIG-39184-1000	806101   806102 806103	200 µL   500 µL 1 mL
APP, 573-596	1G6	Mouse IgG2b		Purified	ELISA, WB, IHC, IP	SIG-39180-200   SIG-39180-500 SIG-39180-1000	806001   806002 806003	200 µL   500 µL 1 mL
				Biotin	ELISA, WB, IHC, IP	SIG-39181-200	806004	200 µL
APP C-Terminal Fragment	C1/6.1	Mouse IgG1	Hu, Rodent	Purified	ELISA, WB, ICC, IP	SIG-39152-200   SIG-39152-1000	802801   802802	200 µL   1 mL
	Poly8250	Rabbit Polyclonal		Purified	ELISA, WB	SIG-39150-050	825001	50 µg
sAPPα	Poly8135	Rabbit Polyclonal		Purified	ELISA, WB	SIG-39139-050	813501	50 µg
sAPPβ	Poly8134	Rabbit Polyclonal		Purified	ELISA, WB	SIG-39138-050	813401	50 µg
ASIC1	N271/44	Mouse IgG1	Hu (by alignment), Ms, Rat	Purified	WB	MMS-5261-100	833501	100 µL
BACE1 (CO2 terminus)	Poly8401	Rabbit Polyclonal	Hu, Ms, Rat	Antiserum	WB, ICC, IP	PRB-617C-100	840101	100 µL
	Poly8402	Guinea Pig Polyclonal	Hu, Ms, Rat	Antiserum	WB, IP, IF	PGP-624C-100	840201	100 µL
Blood-Brain Barrier	SMI 71	Mouse IgM	Rat	Ascites	IHC, ICC, ELISA, IF	SMI-71R-100   SMI-71R-500	836801   836802	100 µL   500 µL



Specificity	Clone	Isotype	Reactivity	Format	Applications	Former Cat. No.	Cat. No.	Size
Brevican	N294A/6	Mouse IgG2b	Ms, Rat	Purified	WB, IHC	MMS-5127-100	820101	100 µL
c-Abl	8E9	Mouse IgG1	Hu, Ms	Purified	WB	MMS-5074-100	831901	100 µL
CAMKII Phospho (Thr286)	Poly28023	Rabbit Polyclonal	Rat	Purified	WB, IHC, IP, ELISA	PRB-506P-100	802301	100 µL
CaMKIV	3E5.E8	Mouse IgG1	Hu, Rat, Ms	Purified	WB	MMS-5081-100	830101	100 µL
CASK	K56A/50	Mouse IgG1	Hu, Ms, Rat	Purified	WB	MMS-5128-100	830601	100 µL
CCL2 (MCP-1)	ECE.2	Rat IgG1	Ms	Purified	WB, IHC	MRT-5061-1000	815901	1 mL
	MNA.1	Mouse IgG1	Hu, Pig	Purified	WB, IP, IHC, ELISA, FC	MMS-5049-1000	801001	1 mL
CCL5 (RANTES)	VL1	Mouse IgG2b	Hu	Purified	FC	MMS-5227-100	831501	100 µL
CD3	BC3	Mouse IgG2b	Hu	Purified	FC	MMS-5212-100	830301	100 µL
CD4	15-8A2	Mouse IgG1	Rat	Purified	IHC, FC	MMS-5059-1000	813001	1 mL
CD8	15-11C5	Mouse IgG1	Rat	Purified	IHC, FC	MMS-5060-1000	813101	1 mL
CD8a	C8/144B	Mouse IgG1, κ	Hu	TCS	IHC	SIG-3629-1000	826601	1 mL
CD11a	I21/7	Rat IgG2a	Ms	Purified	FC	MRT-5213-100	830401	100 µL
CD14	18D11	Mouse IgG1	Hu, Pig	Purified	IHC, FC	MMS-5006-1000	812401	1 mL
	Sa14-2	Rat IgG2a	Ms	Purified	WB, IF, FC	MMS-5011-1000	809601	1 mL
CD16	3G8	Mouse IgG1	Hu, NHP	Purified	FC	MMS-5217-100	825501	100 µL
CD18	1B4/CD18	Mouse IgG2a	Hu	Purified	FC	MMS-5218-100	831401	100 µL
	C71/16	Rat IgG2a	Ms	Purified	FC	MRT-5214-100	830501	100 µL
CD33	P67.6	Mouse IgG1	Hu	Purified		MMS-5090-100	825601	100 µL
CD34	QEnd/10	Mouse IgG1	Hu	Purified	IHC	SIG-3326-050   SIG-3326-100 SIG-3326-26	826401   826402 826403	50 µL   100 µL 6 mL
CD36	CRF D-2712	Mouse IgA	Ms, Rat	Purified	WB, IF, IP, FC	MMS-5023-1000	804201	1 mL
	FA6-152	Mouse IgG1	Hu, Rat	Purified	IHC, IF, IP, FC	MMS-5022-1000	803601	1 mL
	UA009	Mouse IgG1	Rat	Purified	IHC, IP, FC	MMS-5024-1000	808701	1 mL
CD36L1 (SCARB1, SR-BI)	3D12/CD36L1	Mouse IgG1	Rat	Purified	IHC, FC	MMS-5030-1000	812601	1 mL
CD40	626	Mouse IgG1	Hu	Purified	FC, IHC	MMS-5086-100	817401	100 µL
CD44	IM7.8.1	Rat IgG2b	Hu, Ms, Rat	Purified	FC, IHC	MRT-5290-100	822201	100 µL
CD45R	MB4B4	Rat IgG2a	Ms	Purified	FC	MRT-5225-100	833701	100 µL
CD62L	DREG 56.6	Mouse IgG1	Hu	Purified	FC	MMS-5209-100	830001	100 µL
CD105 (Endoglin)	SN6h	Mouse IgG1	Hu	Purified	IHC	SIG-3770-1000   SIG-3770-26	800501   800502	1 mL   6 mL
CD107a (LAMP-1)	1D4B	Rat IgG2a	Ms	Purified	IHC, WB	MRT-5068-100	816001	100 µL
CD107b (LAMP-2)	ABL-93	Rat IgG2a	Hu, Ms	Purified	IHC, WB	MRT-5069-100	816101	100 µL
	H4B4	Mouse IgG1	Hu	Purified	IHC, ICC, WB	MMS-5070-100	809701	100 µL
CD120a (TNF-RI)	H398	Mouse IgG2a	Hu, Rat	Purified	IHC, WB, IP, FC	MMS-5025-1000	803701	1 mL
	HM1009	Rat IgG2a	Ms	Purified	IHC, WB, FC	MRT-5029-1000	809301	1 mL
CD120b (TNF-RII)	MR2-1	Mouse IgG1	Hu, NHP	Purified	IHC, IF, IP, FC	MMS-5027-1000	803801	1 mL
	HM102	Rat IgG2a	Ms	Purified	IHC, IP, FC	MRT-5028-1000	809201	1 mL
CD171 (L1)	14.10	Mouse IgG1	Hu	Purified	IHC	SIG-3911-1000	826701	1 mL
CD171 (L1CAM)	74-5H7	Mouse IgG1	Mammal, Chick	Ascites	IHC, WB, IP, ICC, IF	MMS-172R-500	838101	500 µL
CD172b (SIRPβ1)	84	Rat IgG2a	Ms	Purified	WB	MRT-5095-100	829201	100 µL
	B1D5	Mouse IgG2a	Hu	Purified	FC	MMS-5240-100	833601	100 µL



Specificity	Clone	Isotype	Reactivity	Format	Applications	Former Cat. No.	Cat. No.	Size
CD184 (CXCR4)	12G5	Mouse IgG2a	Hu, Ms, Rat	Purified	IHC, FC	MMS-5121-100	817501	100 µL
CD205 (DEC-205)	HD30	Mouse IgG1	Hu	Purified	FC, IHC	MMS-5221-100	821101	100 µL
CD209a	MMD3	Mouse IgG2c	Ms	Purified	FC	MMS-5224-100	833001	100 µL
CD230 (Prion)	3F4	Mouse IgG2a	Hu, Ham, Feline	Purified	ELISA, WB, IHC, IP	SIG-39620-200   SIG-39620-500 SIG-39620-1000	800301   800302 800303	200 µg   500 µg 1 mg
				Ascites	ELISA, WB, IHC, IP	SIG-39600-200   SIG-39600-500 SIG-39600-1000	800307   800308 800309	200 µL   500 µL 1 mL
				Biotin	ELISA, WB, IHC, IP	SIG-39640-200   SIG-39640-500 SIG-39640-1000	800304   800305 800306	200 µg   500 µg 1 mg
	6D11	Mouse IgG2a, κ	Hu, Bov, Sheep, Mule Deer, Elk, Ms, Ham	Purified	ELISA, WB, IHC	SIG-39810-100   SIG-39810-250 SIG-39810-500	808001   808002 808003	100 µL   250 µL 500 µL
	7D9	Mouse IgG1	Bov, Sheep, Ms	Purified	ELISA, WB, IHC	SIG-39805-200   SIG-39805-500 SIG-39805-1000	807901   807902 807903	200 µL   500 µL 1 mL
CD271 (p75NTR)	NGFR5	Mouse IgG1	Hu	Purified	WB, IHC	MMS-5228-100	818201	100 µL
	Poly18027	Rabbit Polyclonal	Hu	Purified	WB, immunostaining	PRB-608P-100	802701	100 µL
	Poly18397	Rabbit Polyclonal	Hu, Ms, Rat, Rodent	Serum	WB, IHC, IP, IF	PRB-602C-200	839701	200 µL
CD281 (TLR1)	GD2.F4	Mouse IgG1	Hu	Purified	IHC, IF, FC	MMS-5043-1000	808801	1 mL
CD282 (TLR2)	T2.5	Mouse IgG1	Ms, Hu	Purified	FC, IHC, IF, IP	MMS-5012-1000	803501	1 mL
	TL2.1	Mouse IgG2a	Hu, Dog, NHP	Purified	IHC, WB, IF, IP, FC	MMS-5009-1000	801301	1 mL
CD283 (TLR3)	TLR3.7	Mouse IgG1	Hu, Ms, Dog	Purified	WB, IF, IP, IHC, FC	MMS-5053-1000	801501	1 mL
CD284 (TLR4)	HTA125	Mouse IgG2a	Hu, Dog, NHP	Purified	IHC, FC, WB, IF, IP	MMS-5010-1000	804101	1 mL
CD286 (TLR6)	TLR6.127	Mouse IgG2a	Ms, Dog, Hu	Purified	IHC, IF, IP, FC	MMS-5042-1000	804001	1 mL
CD289 (TLR9)	5G5	Mouse IgG2a	Ms, Dog, Hu	Purified	IHC, WB, IF, FC	MMS-5041-1000	803901	1 mL
CD314 (NKG2D)	1D11	Mouse IgG1	Hu	Purified	FC	MMS-5211-100	830801	100 µL
CD354 (TREM-1)	6B1	Mouse IgG1	Hu	Purified	WB, ELISA, FC	MMS-5052-1000	804401	1 mL
	L5-B8	Rat IgG2a	Ms	Purified	FC, WB, IF	MRT-5051-1000	810001	1 mL
Clathrin Heavy Chain (CLTCL2)	TD.1	Mouse IgG1	Hu, Bov	Purified	WB, IF	MMS-427P-100	813901	100 µL
Clathrin Light Chain (CLTA)	CON.1	Mouse IgG2b	Mammal, Yeast	Purified	IHC, WB, IF, IP	MMS-423P-100	811501	100 µL
Cofilin1 Phospho (Ser3)	3E8.A9	Mouse IgG1	Hu, Ms	Purified	IHC, WB, ICC	MMS-5080-100	810601	100 µL
Coronin 1a	Poly28399	Rabbit Polyclonal	Hu, Rat, Ms	Serum	WB, IHC, IF	PRB-5002-100	839901	100 µL
CX3CR1	8E10.D9	Mouse IgG1	Hu, Ms	Purified	IHC, WB	MMS-5067-100	824001	100 µL
Dicer	N167/7	Mouse IgG1	Hu, Ms, Rat	Purified	WB, IHC	MMS-5130-100	820201	100 µL
DJ-1 (PARK7)	4H4	Mouse IgG1, κ	Hu, Cow, Ms	Purified	IHC, WB, IF	MMS-5003-100	810701	100 µL
	E2.19	Mouse IgM	Hu, Zebrafish	Purified	IHC, ELISA, WB	SIG-39830-200   SIG-39830-500 SIG-39830-1000	813801   813802 813803	200 µL   500 µL 1 mL
	Poly18081	Rabbit Polyclonal	Hu, Rodent	Purified	ELISA, WB, IHC	SIG-39835-050	808101	50 µg
Doc2b	N150/21	Mouse IgG1	Hu, Ms, Rat	Purified	WB	MMS-5250-100	833201	100 µL
DOPA Decarboxylase	Poly28295	Rabbit Polyclonal	Hu, Bov, Dog, Sheep, G pig, Rab	Purified	WB	PRB-323P-100	829501	100 µL
Dopamine D3 receptor	N331/19	Mouse IgG2a	Hu	Purified	ICC, IHC, WB	MMS-5264-100	827501	100 µL
Dopamine Transporter (CO2-terminus)	Poly28162	Rabbit Polyclonal	Hu, NHP	Purified	WB, IHC	PRB-324P-100	816201	100 µL



Specificity	Clone	Isotype	Reactivity	Format	Applications	Former Cat. No.	Cat. No.	Size
Dopamine Transporter, EL2	Poly28163	Rabbit Polyclonal	Hu, NHP	Purified	WB, IHC	PRB-330P-100	816301	100 µL
Dynamin-1	D5	Mouse IgG1	Hu, Ms, Rat	Purified	WB, IHC	MMS-5122-100	817301	100 µL
ER81	Poly8404	Rabbit Polyclonal	Ms	Serum	IF, IHC	PRB-362C-100	840401	100 µL
ERAB	5F3	Mouse IgG1, λ	Hu	Purified	IHC	SIG-39770-200   SIG-39770-500 SIG-39770-1000	834401   834402 834403	200 µL   500 µL 1 mL
F4/80	BM8	Rat IgG2a	Ms, Hu	Purified	WB, IHC, FC	MRT-5063-1000	809501	1 mL
FMP	F6D/11	Mouse IgG1	Hu, Rodent	Purified	WB	MMS-5281-100	833401	100 µL
FMRP	5C2	Mouse IgG1, κ	Hu	Purified	WB, IHC, ICC, ELISA	MMS-5232-100	834701	100 µL
	6B8/FMRP	Mouse IgG1, κ	Hu	Purified	WB, IHC, ICC, ELISA	MMS-5231-100	834601	100 µL
FOX3 (NeuN)	1B7	Mouse IgG2a	Hu, Cow, Pig, Ms, Rat, other Mammal	Purified	IHC, WB, ICC	SIG-39860-100	834501	100 µL
γ-protocadherin A (pan reactive)	N144/32	Mouse IgG2b	Ms	Purified	WB, IHC	MMS-5171-100	819201	100 µL
γ-protocadherin (pan reactive)	N159/5	Mouse IgG1	Ms	Purified	WB	MMS-5172-100	831701	100 µL
γ-protocadherin-B2	N148/30	Mouse IgG1	Ms	Purified	WB	MMS-5140-100	832701	100 µL
GABA(B)R2	N81/2	Mouse IgG1	Hu, Ms, Rat	Purified	WB, IHC	MMS-5137-100	820501	100 µL
GABBR1	N93A/49	Mouse IgG1	Hu, Ms, Rat	Purified	IHC, WB	MMS-5136-100	820801	100 µL
GABBR2	N81/37	Mouse IgG1	Hu, Ms, Rat	Purified	WB	MMS-5138-100	831201	100 µL
GABRA1	N95/35	Mouse IgG2a	Hu, Ms, Rat	Purified	WB	MMS-5132-100	832301	100 µL
GABRA4	Poly28229	Rabbit Polyclonal	Rat	Purified	WB, IP	PRB-548P-100	822901	100 µL
GABRA4 Cytosolic Loop	Poly28230	Rabbit Polyclonal	Rat	Purified	WB, IP	PRB-549P-100	823001	100 µL
GABRA6	Poly28396	Rabbit Polyclonal	Hu, Ms, Rat	Serum	WB	PRB-559C-050	839601	50 µL
GABRB2	Poly28006	Rabbit Polyclonal	Bov, Hu, Ms, Rat	Purified	WB	PRB-596P-100	800601	100 µL
GABRB3	N87/25	Mouse IgG1	Hu, Ms, Rat	Purified	WB, IHC	MMS-5134-100	818501	100 µL
GABRD	N151/3	Mouse IgG2a	Ms, Rat	Purified	IHC	MMS-5135-100	827601	100 µL
Galectin-3	5C21	Mouse IgG1	Hu, Ms, Rat	Purified	WB, IHC, IF	MMS-5004-100	810801	100 µL
GFAP	2A5	Mouse IgG1, κ	Mammal (Hu, Cow, Pig, Ms, Rat, Avian)	Ascites	IHC, WB, ICC	MMS-588S-200	801101	200 µL
	GF2	Mouse IgG1	Hu	Purified	IHC	MMS-500P-500	800101	500 µL
	Poly28294	Chicken IgY	Hu, Rat, Ms, Cat	Purified	IHC, IF, WB	PCK-591P-100	829401	100 µL
	Poly28400	Rabbit Polyclonal	Rat	Serum	WB, IF, ICC	PRB-571C-100	840001	100 µL
	SMI 21	Mouse IgG1	Hu, NHP, Dog	Ascites	IHC, WB, ELISA, IF	SMI-21R-100   SMI-21R-500	837201   837202	100 µL   500 µL
	SMI 23	Mouse IgG2b	Hu	Ascites	IHC, WB, ICC, ELISA	SMI-23R-100   SMI-23R-500	837301   837302	100 µL   500 µL
	SMI 24	Mouse IgG2b	Hu	Ascites	IHC, WB, ICC, ELISA	SMI-24R-100   SMI-24R-500	837401   837402	100 µL   500 µL
	SMI 25	Mouse IgG2b	Hu	Ascites	IHC, WB, ICC, ELISA	SMI-25R-100   SMI-25R-500	837501   837502	100 µL   500 µL
GFAP (Cocktail)	SMI 22	Mouse IgG2b	Hu, Sheep, Cow, Dog, Pig, G pig, Rat, Ms, Chick	Ascites	IHC, WB, ICC, ELISA, IF	SMI-22R-100   SMI-22R-500	835301   835302	100 µL   500 µL
	SMI 26	Mouse IgG2b/IgG1	Hu, Sheep, Cow, Dog, Pig, Rat, G pig, Rat, Ms, Chick	Ascites	WB, ICC, ELISA	SMI-26R-100   SMI-26R-500	837601   837602	100 µL   500 µL



Specificity	Clone	Isotype	Reactivity	Format	Applications	Former Cat. No.	Cat. No.	Size
GluR1	N355/1	Mouse IgG1	Ms, Rat	Purified	WB, IHC	MMS-5143-100	819801	100 µL
GluR1 Phospho (Ser831)	Poly28024	Rabbit Polyclonal	Rat	Purified	IHC, WB, IP, ELISA	PRB-507P-150	802401	150 µL
GluR1 Phospho (Ser845)	Poly28025	Rabbit Polyclonal	Rat	Purified	IHC, WB, IP, ELISA	PRB-509P-150	802501	150 µL
GluR2	L21/32	Mouse IgG1	Hu, Ms, Rat	Purified	WB, IHC, ICC	MMS-5144-100	810501	100 µL
GRK (pan-reactive)	N145/20	Mouse IgG1	Hu, Ms, Rat	Purified	WB	MMS-5249-100	833101	100 µL
Grp75 (Mortalin)	N52A/42	Mouse IgG1	Hu, Ms, Rat	Purified	WB, IHC	MMS-5164-100	818801	100 µL
HDAC1	10E2/HDAC1	Mouse IgG1	Hu, Ms	Purified	IHC, WB	MMS-5071-100	815101	100 µL
HDAC2	3F3/HDAC2	Mouse IgG1	Hu, Ms, Rat	Purified	IHC, WB	MMS-5072-100	815201	100 µL
HDAC3	3G6	Mouse IgG2a	Hu, Ms	Purified	IHC, WB	MMS-5073-100	815301	100 µL
Histone H3 (CO2-terminus)	1B1-B2	Mouse IgG3	Hu, Ms, Rat	Purified	IHC, WB	MMS-5230-100	819401	100 µL
Histone H3 Dimethyl (Lys9)	5E5-G5	Mouse IgG1	Hu, Rat	Purified	WB, IHC	MMS-5078-100	815501	100 µL
Histone H3 Monomethyl (Lys9)	7E7.H12	Mouse IgG1	Hu, Ms, Rat	Purified	WB, IHC	MMS-5084-100	824201	100 µL
Histone H3 Nonmethyl (Lys9)	9B1-2G6	Mouse IgG1	Hu	Purified	WB, IHC	MMS-5083-100	815701	100 µL
Histone H3 Trimethyl (Lys9)	6F12-H4	Mouse IgG1	Hu, Rat	Purified	WB, IHC	MMS-5079-100	815601	100 µL
Histone H4 Monomethyl (Lys20)	5E10-D8	Mouse IgG1	Hu, Rat, Ms	Purified	IHC, WB, IF	MMS-5286-100	828001	100 µL
Histone H4 Trimethyl (Lys 20)	6F8-D9	Mouse IgG1	Hu, Ms, Rat	Purified	IHC, WB	MMS-5288-100	827701	100 µL
HSF1	4B4	Rat IgG2a	Hu, Ms	Purified	IHC, WB, IF	MRT-5113-100	825801	100 µL
HSF2	3E2	Rat IgG1	Hu, Ms, Rat	Purified	WB	MRT-5114-100	829301	100 µL
Hsp70	4F8	Mouse IgG2b	Hu	Purified	WB, IHC	MMS-5103-100	818101	100 µL
I1PP2A	5A2		Hu, Rat	Purified	IHC, WB	SIG-39484-100   SIG-39484-500	816901   816902	100 µL   500 µL
	5A10	Mouse IgG2b	Hu, Rat	Purified	IHC, WB	SIG-39487-100   SIG-39487-500	817001   817002	100 µL   500 µL
I2PP2A	3F2	Mouse IgG1	Hu	Purified	IHC, WB	SIG-39494-100   SIG-39494-500	817101   817102	100 µL   500 µL
IGBP-1	5F6	Mouse IgG1	Hu, Ms, Rat	Purified	WB	MMS-5088-100	828601	100 µL
IL-6	5E1	Mouse IgG1	Hu, NHP	Purified	WB, IP, ELISA	MMS-5064-1000	809001	1 mL
	MP5-32C11	Rat IgG2a	Ms	Purified	WB, ELISA, Neut	MRT-5057-100	813201	100 µg
IL-17F	6B9.H8	Mouse IgG1	Hu, Ms	Purified	WB	MMS-5118-100	830201	100 µL

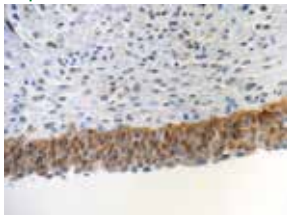


GFAP (Cocktail)



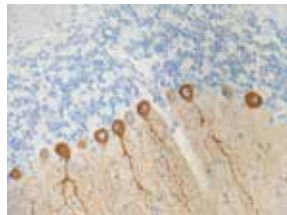
IHC staining of GFAP (clone SMI 26 cocktail) on formalin-fixed, paraffin-embedded rat cerebellum.

Hsp70



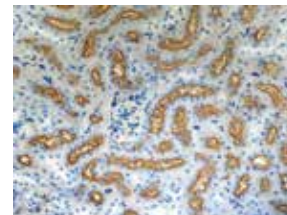
Staining of Hsp70 (clone 4F8) on formalin-fixed, paraffin-embedded normal human bladder tissue.

IP3R1



Staining of IP3 Receptor, type 1 (clone L24/18) on formalin-fixed, paraffin-embedded rat brain tissue.

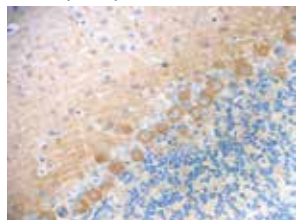
LRP2



Staining of LRP2 (clone CD7D5) on formalin-fixed, paraffin-embedded normal mouse kidney tissue.

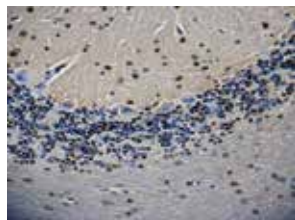
Specificity	Clone	Isotype	Reactivity	Format	Applications	Former Cat. No.	Cat. No.	Size
Insulin Degrading Enzyme (IDE)	Poly18403	Rabbit Polyclonal	Hu, Rat, Ms, Ham	Serum	WB, ICC	PRB-282C-100	840301	100 µL
IP3R1	L24/18	Mouse IgG1	Hu, Ms, Rat	Purified	WB, IHC	MMS-5151-100	817701	100 µL
KCC2	N1/12	Mouse IgG2a	Hu, Ms, Rat	Purified	WB, IHC	MMS-5241-100	821701	100 µL
	N1/66	Mouse IgG1	Hu, Ms, Rat	Purified	IHC, WB	MMS-5242-100	827901	100 µL
KCNA5	2D10.D6	Mouse IgG1	Hu, Rat	Purified	IHC, WB	MMS-5035-100	814901	100 µL
Pan-LC3-A	CV698.792.28	Mouse IgG1, κ	Hu, Ms	Purified	ICC	MMS-5238-100	827101	100 µL
LCMT1 (PPM1)	4A4	Mouse IgG1	Ms, Rat	Purified	IHC, WB	MMS-5089-100	824501	100 µL
LRP2	CD7D5	Mouse IgG1	Hu, Ms, Rat	Purified	IHC, IF	MMS-5120-100	826901	100 µL
LRP4 (NH2 terminus)	N207/27	Mouse IgG2a	Ms, Rat	Purified	WB	MMS-5154-100	832201	100 µL
LRRK2	MC.028.83.76.242	Mouse IgG1	Hu, Ms, Rat, Dog, NHP	Purified	IHC, WB, ELISA	SIG-39840-100	808201	100 µL
LRRK2 (NH2 terminus)	N138/6	Mouse IgG1	Hu, Ms, Rat	Purified	IHC, WB	MMS-5157-100	818901	100 µL
Macrophages	F-6-J	Mouse IgG1	Rat	Purified	FC, IHC	MMS-5054-1000	812901	1 mL
MAGUK (pan reactive)	K28/86	Mouse IgG1	Hu, Ms, Rat	Purified	WB, IHC	MMS-5173-100	817801	100 µL
MAP2	AA6	Mouse IgG2a	Mammal	Purified	WB	MMS-485P-100	828101	100 µL
				Ascites	WB	MMS-485R-200	828103	200 µL
	Poly18406	Rabbit Polyclonal	Mammal	Serum	WB, IF	PRB-547C-100	840601	100 µL
	Poly28225	Chicken IgY	Hu, Rat, Ms, Bov	Purified	WB, IF	PCK-554P-050	822501	50 µL
	SMI 52	Mouse IgG1	Mammal, Xenopus	Purified	IHC, ICC, WB, ELISA	SMI-52P-100	801801	100 µL
				Ascites	IHC, WB, ICC, ELISA, IF	SMI-52R-100   SMI-52R-500	836201   836202	100 µL   500 µL
MAP6 (STOP)	STOP	Mouse IgG2b	Hu, Ms, Rat	Purified	WB, IHC	MMS-5104-100	824701	100 µL
MARCKS Phospho (Ser152/156)	Poly28022	Rabbit Polyclonal	Rat	Purified	WB, IHC, IP, ELISA	PRB-505P-100	802201	100 µL
MARCO	PLK-1	Mouse IgG3	Ms, Bov	Purified	IHC, WB, IF, IP, FC	MMS-5031-1000	801401	1 mL
MD-2	18H10	Mouse IgG2b	Hu	Purified	FC	MMS-5026-1000	825401	1 mL
sMD-2 and TLR4 (CD284)/sMD-2 Complex	4H1/TLR4	Mouse IgG1	Hu	Purified	IHC, WB, IF	MMS-5013-1000	810901	1 mL
MECP2	N227/21	Mouse IgG1	Hu, Ms, Rat	Purified	IHC, ICC	MMS-5158-100	814001	100 µL
Mitofusin-1	1G3.B6	Mouse IgG1	Hu, Rat	Purified	IHC, WB	MMS-5021-100	814601	100 µL
	N111/24	Mouse IgG1	Ms, Rat	Purified	WB	MMS-5161-100	831101	100 µL

MAP6 (STOP)



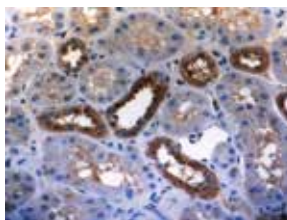
Staining of MAP6 (clone STOP) on formalin-fixed, paraffin-embedded rat cerebellum.

MECP2



Staining of MECP2 (clone N227/21) on formalin-fixed, paraffin-embedded rat brain.

MMP2



Staining of MMP2 (clone 4D3) on formalin-fixed, paraffin-embedded human kidney.

Neurofilament H, Non-Phosphorylated



Staining of Neurofilament H (clone SMI 32) on formalin-fixed, paraffin-embedded human cerebellum.

Specificity	Clone	Isotype	Reactivity	Format	Applications	Former Cat. No.	Cat. No.	Size
Mitofusin-2	N153/5	Mouse IgG2a	Ms, Rat	Purified	WB, IHC	MMS-5162-100	820301	100 µL
MMP2	4D3 (F14P4D3)	Mouse IgG1	Hu	Purified	WB, IHC	MMS-5291-100	821901	100 µL
MMP-9	2C3 (F11P2C3)	Mouse IgG1	Hu	Purified	IHC	MMS-5293-100	827801	100 µL
	L51/82	Mouse IgG2a	Hu, Ms, Rat	Purified	IHC, WB	MMS-5163-100	819701	100 µL
Monocytes and Macrophages	ER-HR3	Rat IgG2c	Ms	Purified	IHC, IF, FC	MRT-5062-1000	809401	1 mL
MPEG1	25F9	Mouse IgG1	Hu	Purified	WB, IHC, FC	MMS-5058-1000	808901	1 mL
MPO	266-6K1	Mouse IgG1	Hu	Purified	IHC, WB, ELISA	MMS-5050-1000	812801	1 mL
	2D4	Mouse IgG1	Ms, Rat	Purified	IHC, IF, FC, ELISA	MMS-5055-1000	833801	1 mL
	8F4/MPO	Mouse IgG1	Ms, Rat	Purified	IHC, ELISA, FC	MMS-5048-1000	804301	1 mL
Myelin Basic Protein	SMI 94	Mouse IgG1	Mammal	Ascites	IHC, WB, ICC, ELISA, IF	SMI-94R-100   SMI-94R-500	836501   836502	100 µL   500 µL
	SMI 99	Mouse IgG2b	Mammal	Purified	WB, ICC, ELISA	SMI-99P-100   SMI-99P-500	808401   808402	100 µL   500 µL
Myelin CNPase	SMI 91	Mouse IgG1	Hu, Rat, Ms, Sheep, Dog, Pig, Bov	Ascites	IHC, WB, ICC, ELISA, IF	SMI-91R-100   SMI-91R-500	836401   836402	100 µL   500 µL
nAChR, α1-Subunit	61	Rat IgG2a	Hu, Ms, Torpedo, Electrophorus	Ascites	IF, IP	MRT-607R-500	839101	500 µL
nAChR, α1, α3 & α5 Subunits	210	Rat IgG1	Hu, Dog, Rodent, Chick	Ascites	ICC, IP, IF, ELISA, WB, FC	MRT-609R-500	838301	500 µL
nAChR, α4-Subunit	299	Rat IgG1	Hu, Rodent, Chick	Ascites	IF, IP	MRT-613R-500	839201	500 µL
nAChR, α7-Subunit	306	Mouse IgG1	Hu, Rat, Chick	Ascites	WB, IF, IHC, IP	MMS-627R-500	836701	500 µL
	319	Rat IgG1	Hu, Rat, Chick	Ascites	WB, IF, IP, FC, IHC	MRT-629R-500	838401	500 µL
nAChR, β2-Subunit	270	Rat IgG2a	Rodent, Chick	Ascites	WB, IF, IP	MRT-639R-500	838501	500 µL
nAChR, γ-Subunit	66	Rat IgG2a	Hu, Bov	Ascites	WB, IF, IP	MRT-643R-500	838601	500 µL
Nestin	2C1 3B9 (10C2)	Mouse IgG1	Hu	Purified	WB, ICC, IHC	MMS-570P-100   MMS-570P-200	809801   809802	100 µL   200 µL
	Poly18419	Rabbit Polyclonal	Hu	Serum	ICC, WB, IHC, IF	PRB-570C-100	841901	100 µL
Nestin (C terminus)	Nestin 16	Rabbit Polyclonal	Hu, Ms	Serum	WB, IF, ICC	PRB-336C-100	841801	100 µL
Nestin (Repeat region)	Nestin 18	Rabbit Polyclonal	Ms	Serum	WB, IF	PRB-314C-100	841701	100 µL
	Nestin 24	Rabbit Polyclonal	Hu	Serum	WB, IF	PRB-313C-100	841601	100 µL
Nestin Tail	Nestin 20	Rabbit Polyclonal	Hu, Ms	Serum	WB, IF, IHC	PRB-315C-100	839801	100 µL
Neurofilament α-Internexin (NF-66)	1D2	Mouse IgG1, κ	Mammal	Ascites	WB, IHC, IF	MMS-586S-200	811001	200 µL
	2E3	Mouse IgG1	Mammal	Ascites	WB, IHC, IF	MMS-587S-200	800401	200 µL
	Poly28407	Rabbit Polyclonal	Mammal	Serum	WB, IF	PRB-572C-100	840701	100 µL
Neurofilament H (NF-H)	Poly28226	Chicken IgY	Hu, Rat, Ms, Cat, Chick	Purified	WB, IF	PCK-592P-050	822601	50 µL
	SMI 37	Mouse IgM	Mammal	Ascites	IHC, WB, ICC, ELISA	SMI-37R-100   SMI-37R-500	835801   835802	100 µL   500 µL
	SMI 38	Mouse IgG1	Mammal	Ascites	IHC, WB, ICC, ELISA	SMI-38R-100   SMI-38R-500	835901   835902	100 µL   500 µL
	SMI 39	Mouse IgM	Mammal	Ascites	IHC, WB, ICC, ELISA	SMI-39R-100   SMI-39R-500	836001   836002	100 µL   500 µL
Neurofilament H (NF-H), Non-Phosphorylated	SMI 32	Mouse IgG1	Mammal	Purified	IHC, WB, ICC, ELISA	SMI-32P-100	801701	100 µL
				Ascites	IHC, ICC, WB, ELISA	SMI-32R-100   SMI-32R-500	801703   801704	100 µL   500 µL



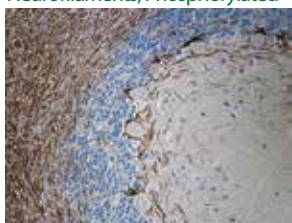
Specificity	Clone	Isotype	Reactivity	Format	Applications	Former Cat. No.	Cat. No.	Size
Neurofilament H (NF-H), Phosphorylated	NAP4	Mouse IgG1	Mammal, Avian	Ascites	IHC, WB, ICC, IF	MMS-585R-100	839001	100 µL
	Poly28408	Rabbit Polyclonal		Serum	WB, IF	PRB-573C-100	840801	100 µL
	SMI 34	Mouse IgG1	Mammal	Ascites	IHC, WB, ICC, ELISA, IF	SMI-34R-100   SMI-34R-500	835501   835502	100 µL   500 µL
	SMI 36	Mouse IgG1	Mammal	Ascites	IHC, WB, ICC, ELISA	SMI-36R-100   SMI-36R-500	835701   835702	100 µL   500 µL
Neurofilament H & M (NF-H/NF-M), Non-Phosphorylated	SMI 33	Mouse IgM	Mammal, Xenopus	Ascites	IHC, WB, ICC, ELISA	SMI-33R-100   SMI-33R-500	835401   835402	100 µL   500 µL
Neurofilament H & M (NF-H/NF-M), Phosphorylated	SMI 310	Mouse IgG1	Mammal	Ascites	IHC, WB, ICC, ELISA, IF	SMI-310R-100   SMI-310R-500	837701   837702	100 µL   500 µL
	SMI 31	Mouse IgG1	Mammal, Chick, Xenopus	Purified	IHC, WB, ICC, ELISA	SMI-31P-100	801601	100 µL
				Ascites	IHC, ICC, WB, ELISA	SMI-31R-100   SMI-31R-500	801603   801604	100 µL   500 µL
Neurofilament H & M (NF-H/NF-M), Hypophosphorylated	SMI 35	Mouse IgG1	Mammal	Ascites	IHC, WB, ICC, ELISA	SMI-35R-100   SMI-35R-500	835601   835602	100 µL   500 µL
Neurofilament L (NF-L)	DA2	Mouse IgG1, κ	Hu, Cow, Pig, Ms, Rat, Avian	Ascites	IHC, ICC, WB	MMS-584S-100	809901	100 µL
	Poly28409	Rabbit Polyclonal	Hu, Rat, Ms, Cat, Chick	Serum	WB, IF	PRB-574C-100	840901	100 µL
Neurofilament M (NF-M)	3H11	Mouse IgG1, κ	Mammal, Avian	Ascites	WB, IF	MMS-583R-100	839301	100 µL
	Poly28227	Chicken IgY	Hu, Rat, Ms, Cat	Purified	WB, IF	PCK-593P-100	822701	100 µL
	Poly28410	Rabbit Polyclonal	Hu, Rat, Ms, Cat, Chick	Serum	IHC, WB, IF	PRB-575C-100	841001	100 µL
Neurofilament M/H (NF-M, NF-H)	RMdO-20	Mouse IgG1	Hu, Ms, Rab, Rat, Bov, Ham, Squid	Ascites	WB, IP, IHC, ELISA	MMS-544R-200	801901	200 µL
Neurofilament Marker (pan axonal, cocktail)	SMI 312	Mouse IgG1	Mammal	Ascites	IHC, WB, ELISA, ICC, IF	SMI-312R-100   SMI-312R-500	837901   837902	100 µL   500 µL
Neurofilament Marker (pan-neuronal, cocktail)	SMI 311	Mouse IgG1 and IgM Cocktail	Mammal	Ascites	IHC, WB, ELISA, IF	SMI-311R-100   SMI-311R-500	837801   837802	100 µL   500 µL
Neuroigin-1	N97A/31	Mouse IgG1	Hu, Ms, Rat	Purified	IHC, WB	MMS-516S-100	819001	100 µL
Neuroigin-3	N110/29	Mouse IgG1	Hu, Ms, Rat	Purified	WB, IHC	MMS-5166-100	822001	100 µL
Nicastrin (CO2 terminus)	Poly18112	Rabbit Polyclonal	Hu, Ms	Purified	WB, ICC, IP	PRB-365P-100	811201	100 µL
NMDAR1	N308/48	Mouse IgG1	Rat	Purified	WB, IHC	MMS-514S-100	818601	100 µL
	R1JHL		Mammal	Purified	WB	MMS-501P-015	828201	15 µg
NMDAR2A	N327/95	Mouse IgG2a	Hu, Ms, Rat	Purified	WB	MMS-5146-100	832101	100 µL
	N327A/38	Mouse IgG2b	Hu, Ms, Rat	Purified	WB	MMS-5147-100	832401	100 µL
	Poly18165	Rabbit Polyclonal	Rat, Ms	Purified	WB, IHC	SIG-39061-050	816501	50 µg
	Poly28341	Rabbit Polyclonal	Mammal	Purified	WB, IHC, IP	PRB-513P-010	834101	10 µg
NMDAR2B	N59/20	Mouse IgG2a	Hu, Ms, Rat	Purified	WB	MMS-5149-100	832501	100 µL
	N59/36	Mouse IgG2b	Hu, Ms, Rat	Purified	WB, IHC	MMS-5148-100	818701	100 µL
	Poly28113	Rabbit Polyclonal	Mammal	Purified	WB, IHC, IP	PRB-512P-010	811301	10 µg
NMDAR2C	Poly28228	Rabbit Polyclonal	Mammal	Purified	WB, IP	PRB-514P-010	822801	10 µg
Notch 1	mN1A	Mouse IgG1	Hu, Ms	Purified	WB	MMS-5097-100	828701	100 µL
	N253/32	Mouse IgG1	Ms, Rat	Purified	WB, IHC	MMS-5169-100	819101	100 µL

Specificity	Clone	Isotype	Reactivity	Format	Applications	Former Cat. No.	Cat. No.	Size
NrCAM	N343/26	Mouse IgG2a	Hu, Ms, Rat	Purified	WB, ICC	MMS-5267-100	821601	100 µL
NSE	NSE-P1	Mouse IgG1		Purified	IHC, ELISA, WB	MMS-518P-200	804901	200 µL
	NSE-P2	Mouse IgG1		Purified	IHC, ELISA, WB	MMS-519P-200	804501	200 µL
O-GlcNAc	CTD110.6	Mouse IgM	Euk	Ascites	WB, ELISA, IP, ICC, IF	MMS-248R-100   MMS-248R-500	838001   838002	100 µL   500 µL
p62 (SQSTM1)	1B5.H9	Mouse IgG1	Hu (Ms, Rat likely)	Purified	IHC, WB	MMS-5034-100	814801	100 µL
p120 Catenin	2B12	Mouse IgG1	Hu, Rat, Ms, Ham, Chick	Purified	WB, IP	MMS-5040-100	828301	100 µL
Pancortin	K96/7	Mouse IgG1	Hu, Ms, Rat	Purified	IHC	MMS-5170-100	827201	100 µL
PAR-2	SAM11	Mouse IgG2a	Hu, Ms	Purified	IHC, WB	MMS-5116-100	817201	100 µL
PARIS (ZNF746)	N196/16	Mouse IgG1	Hu, Ms, Rat	Purified	WB, IHC	MMS-5178-100	820601	100 µL
Parkin	Prk 8	Mouse IgG2b	Hu, Ms	Purified	WB, IHC, ELISA	SIG-39530-200   SIG-39530-500 SIG-39530-1000	808501   808502 808503	200 µL   500 µL 1 mL
	Prk 109	Mouse IgG1	Hu, Ms	Purified	WB, IHC, ELISA	SIG-39523-200   SIG-39523-500 SIG-39523-1000	807601   807602 807603	200 µL   500 µL 1 mL
PEN2 (CO2 terminus)	Poly18412	Rabbit Polyclonal	Hu	Serum	WB, IP	PRB-599C-100	841201	100 µL
Peripherin	7C5	Mouse IgG1, κ	Mammal, maybe Chick	Purified	IHC, WB, ICC, IF	MMS-589P-200	815801	200 µL
Peripherin (pan reactive)	Poly28411	Rabbit Polyclonal	Hu, Rat, Rab, Cat, Ms	Antiserum	WB, IF	PRB-576C-100	841101	100 µL
PICK1	L20/8	Mouse IgG2a	Hu, Rat, Ms	Purified	WB	MMS-5179-100	830901	100 µL
Pin1	Poly28224	Chicken IgY	Hu	Purified	WB, IF	PCK-5005-100	822401	100 µL
PINK1	5E1.D8	Mouse IgG1	Hu, Rat, Ms	Purified	IHC, WB	MMS-5045-100	834801	100 µL
	N4/15	Mouse IgG1	Hu, Ms, Rat	Purified	WB	MMS-5180-100	832901	100 µL
PME-1	8A6-F8	Mouse IgG1, κ	Hu, Ms, Rat	Purified	WB, IHC	MMS-5239-100	820901	100 µL
PP2AC	7A6/PP2AC	Mouse IgG1	Hu, Ms	Purified	WB	MMS-5082-100	828501	100 µL
PP2AC (Leu309)	1D7	Mouse IgG2a	Hu, Ms, Rat	Purified	WB, IHC	MMS-5077-100	824101	100 µL
PP2AC Methyl (Leu 309)	2A10	Mouse IgG1	Hu, Ms, Yeast	Purified	WB	MMS-5117-100	828801	100 µL
PP2Aα	5H4/PP2Aα	Rat IgM	Hu, Ms, Frog	Ascites	IP	MRT-207R-200   MRT-207R-500	839501   839502	200 µL   500 µL
PPP2R1A	6F9	Rat IgG2a	Hu, Ms	Purified	WB	MRT-204P-100	829101	100 µL
	6G3	Rat IgG2a	Hu, Bov, Ms, Frog	Purified	WB, IP	MRT-208P-100	824901	100 µL
PPP2R2A	2G9	Mouse IgG1	Hu, Ms, Rat	Purified	WB	MMS-5099-100	831301	100 µL
PPP2R4 (PTPA)	5G3	Mouse IgG2a	Hu, Ms	Purified	IHC, WB	MMS-5087-100	824401	100 µL
PPP2R5D	H5-D12	Mouse IgG1	Hu, Rat	Purified	WB	MMS-5076-100	828401	100 µL
PPP2R5E	5A5-F3	Mouse IgG1	Hu, Ms	Purified	WB, IHC	MMS-5075-100	815401	100 µL
PPP3CA (CnA1)	2E2.D11	Mouse IgG1	Hu, Ms, Rat	Purified	WB, IHC	MMS-5123-100	817601	100 µL
Presenilin 1 (CO2 terminus)	Poly18340	Rabbit Polyclonal	Hu	Purified	WB, ICC, IP	PRB-355P-100	834001	100 µL
Presenilin 1 (NH2 terminus)	NT1	Mouse IgG1	Hu	Purified	WB, IP	SIG-39194-200   SIG-39194-500 SIG-39194-1000	823401   823402 823403	200 µL   500 µL 1 mL
	Poly18111	Rabbit Polyclonal	Hu	Purified	WB, ICC, IP	PRB-354P-100	811101	100 µL
Presenilin 1, 21-80 (NH2 terminus)	24-4B5	Rat IgG1	Hu	Purified	WB, IP	SIG-39190-200   SIG-39190-500 SIG-39190-1000	823301   823302 823303	200 µL   500 µL 1 mL



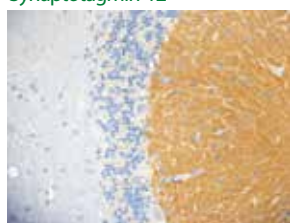
Specificity	Clone	Isotype	Reactivity	Format	Applications	Former Cat. No.	Cat. No.	Size
Presenilin 1, 260-378 (Loop domain)	34-4C3	Mouse IgG1	Hu	Purified	WB, IP	SIG-39198-200   SIG-39198-500 SIG-39198-1000	823501   823502 823503	200 µL   500 µL 1 mL
Presenilin 2	PS2	Mouse IgG1	Hu	Ascites	WB, ICC	MMS-3595-1000	814201	1 mL
PSD-93 (Chapsyn-110)	N18/28	Mouse IgG2a	Hu, Ms, Rat	Purified	WB, IHC	MMS-5129-100	818301	100 µL
PSD-93 (Chapsyn-100)	N18/30	Mouse IgG1	Hu (weak), Ms, Rat	Purified	WB, IHC	MMS-5244-100	821201	100 µL
PSD95	K28/43	Mouse IgG2a	Hu, Rat, Ms	Purified	WB, IHC, ICC	MMS-5182-100	810401	100 µL
	K28/74	Mouse IgG1	Hu, Ms, Rat	Purified	WB, IHC, ICC	MMS-5183-100	810301	100 µL
RG514	N133/21	Mouse IgG2a	Hu, Ms, Rat	Purified	WB, IHC	MMS-5248-100	821801	100 µL
RhoG	1F3 B3 E5	Mouse IgG2b	Hu, Rat, Ms	Purified	WB, IHC	MMS-5032-100	814701	100 µL
S100A4	S100A4	Rabbit Polyclonal	Ms, Rat, Dog, Cow, Cat, Hs	Purified	IHC, ICC, WB	PRB-497P-250	810101	250 µL
SALM2 (LRFN1)	N52B/27	Mouse IgG1	Hu, Ms, Rat	Purified	WB, IHC	MMS-5184-100	819301	100 µL
SAP97	K64/15	Mouse IgG1	Hu, Ms, Rat	Purified	WB	MMS-5187-100	830701	100 µL
SAP102	N19/2	Mouse IgG1	Hu, Ms, Rat	Purified	WB	MMS-5186-100	832001	100 µL
SAPAP (pan reactive)	N127/31	Mouse IgG2b	Hu, Ms, Rat	Purified	WB	MMS-5176-100	832601	100 µL
SAPAP1	N238/31	Mouse IgG1	Hu, Ms, Rat	Purified	WB	MMS-5188-100	831801	100 µL
SNAP-25	SMI 81	Mouse IgG1	Mammal	Ascites	IHC, WB, ICC, ELISA, FC, EM	SMI-81R-100   SMI-81R-500	836301   836302	100 µL   500 µL
	SP12	Mouse IgG1	Hu, Rodent, Pig, Cat	Purified	WB, ELISA, ICC, IP	MMS-614P-100	805001	100 µL
Stonin-2	N346/9	Mouse IgG2b	Hu, Ms, Rat	Purified	WB, ICC, IHC	MMS-5270-100	804701	100 µL
SVOP	N356/9	Mouse IgG2b	Ms, Rat	Purified	WB, IHC	MMS-5195-100	819901	100 µL
Synapsin I	Poly28026	Rabbit Polyclonal	Mammal	Purified	IHC, WB, ICC, IP, ELISA	PRB-516P-010	802601	10 µg
Synaptobrevin (VAMP)	SP11	Mouse IgG1	Hu, Pig, Cat	Purified	WB, ICC, ELISA	MMS-636P-100	805101	100 µL
	SP10	Mouse IgM	Hu, Rab, Rat, Ms, Ham, Bov, Pig	Ascites	WB, ICC, ELISA	MMS-616R-500	837001	500 µL
Synaptophysin	SP17	Mouse IgM	Hu, Rodent, Pig	Ascites	WB, ELISA, ICC	MMS-618R-500	837101	500 µL
Synaptotagmin-12	N277/7	Mouse IgG1	Ms, Rat	Purified	WB, IHC	MMS-5197-100	820401	100 µL
SynCAM4	N244/5	Mouse IgG1	Hu, Ms, Rat	Purified	WB	MMS-5257-100	833301	100 µL
Syntaxin	SP8	Mouse IgG1	Hu, Rodent, Pig	Purified	IHC	MMS-619P-100	827001	100 µL
Synuclein- $\alpha$ , Nitratd	Syn514	Mouse IgG1	Hu	Ascites	IHC, WB, IF	MMS-556R-200	838901	200 µL

### Neurofilaments, Phosphorylated



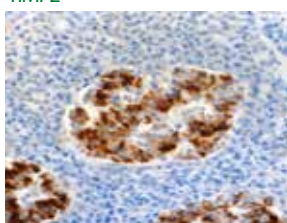
Staining of Neurofilaments, Phosphorylated (clone SMI 31) on formalin-fixed, paraffin-embedded rat cerebellum.

### Synaptotagmin-12



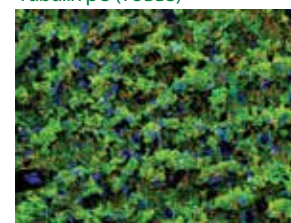
Staining of Synaptotagmin-12 (clone N277/7) on formalin-fixed, paraffin-embedded rat brain tissue.

### TIMP2



Staining of TIMP2 (clone 3A4 (F27P3A4)) on FFPE human pancreas tissue.

### Tubulin $\beta$ 3 (TUBB3)



Brain tissue from coxsackievirus B3-infected mice expressing eGFP (green) was formalin-fixed, paraffin-embedded, and stained using polyclonal TUBB3 (Poly18020, in red).

Specificity	Clone	Isotype	Reactivity	Format	Applications	Former Cat. No.	Cat. No.	Size
Synuclein- $\alpha/\beta$ , 130-140	Syn 202	Mouse IgG2a	Hu, Ms, Rat, Zebra finch	Ascites	IHC, WB, IP, ELISA, EM, ICC, IF	MMS-529R-200	836601	200 $\mu$ L
Synuclein- $\alpha/\beta$ , Nitrated	Syn12	Mouse IgG1	Hu	Ascites	ELISA, WB, IHC	MMS-555R-200	838801	200 $\mu$ L
TARP g2 (Stargazin)	N245/1	Mouse IgG2a	Hu, Ms, Rat	Purified	ICC	MMS-5255-100	827401	100 $\mu$ L
0N Tau	3H6.H7	Mouse IgG1, $\kappa$	Hu	Purified	WB, IHC	MMS-5065-100	823801	100 $\mu$ L
1N Tau	4H5.B9	Mouse IgG1, $\kappa$	Hu	Purified	WB, IHC	MMS-5066-100	823901	100 $\mu$ L
2N Tau	71C11	Mouse IgG2b	Hu, Rat	Purified	WB, IHC	SIG-39408-100   SIG-39408-500	816801   816802	100 $\mu$ L   500 $\mu$ L
4R Tau	5F9	Mouse IgG1, $\lambda$	Hu, Ms, Rat	Purified	WB, IHC	MMS-5020-100	823701	100 $\mu$ L
Tau	Poly8296	Rabbit Polyclonal	Ms, Rat	Purified	WB	PRB-5036-050	829601	50 $\mu$ g
	Tau 2	Mouse IgG1	Hu, Bov	Purified	WB, IHC, ELISA	SIG-39426-100   SIG-39426-500	806701   806702	100 $\mu$ L   500 $\mu$ L
Tau, 1-100	43D	Mouse IgG1	Hu	Purified	WB, IHC	SIG-39402-100   SIG-39402-500	816601   816602	100 $\mu$ L   500 $\mu$ L
Tau, 6-18	Tau 12	Mouse IgG1	Hu	Purified	WB, IHC, ELISA	SIG-39416-100   SIG-39416-500	806501   806502	100 $\mu$ L   500 $\mu$ L
Tau, 20-35	TAU-13	Mouse IgG1	Hu	Ascites	WB, IHC, IF, IP, ELISA	MMS-520R-500	835201	500 $\mu$ L
Tau, 95-108 (PHF)	SMI 51	Mouse IgG1	Hu, Bov	Ascites	IHC, WB, ICC, ELISA	SMI-51R-100   SMI-51R-500	836101   836102	100 $\mu$ L   500 $\mu$ L
Tau, 157-168	2G9.F10	Mouse IgG1	Hu	Purified	IHC, WB	MMS-5092-100	824601	100 $\mu$ L
Tau, 185-195	77E9	Mouse IgG1, $\kappa$	Hu	Purified	WB, IHC	MMS-5018-100	814401	100 $\mu$ L
Tau, 189-195	39E10	Mouse IgG1, $\kappa$	Hu	Purified	WB, IHC	MMS-5017-100	814301	100 $\mu$ L
Tau, 210-230	Tau 5	Mouse IgG1	Hu	Purified	WB, IHC, ELISA	SIG-39413-200   SIG-39413-500 SIG-39413-1000	806401   806402 806403	200 $\mu$ L   500 $\mu$ L 1 mL
Tau, 267-278	5C7	Mouse IgG1, $\lambda$	Hu	Purified	WB, IHC	MMS-5019-100	814501	100 $\mu$ L
Tau, 316-355	77G7	Mouse IgG1	Hu, Rat	Purified	WB, IHC	SIG-39405-100   SIG-39405-500	816701   816702	100 $\mu$ L   500 $\mu$ L
Tau, 404-421	Tau46	Mouse IgG1	Hu	Purified	WB, IHC, ELISA	SIG-39423-200   SIG-39423-500 SIG-39423-1000	806601   806602 806603	200 $\mu$ L   500 $\mu$ L 1 mL
Tau, x-421	C3	Mouse IgG1	Hu	Purified	WB, IHC, ELISA, IF	SIG-39410-200   SIG-39410-500 SIG-39410-1000	806301   806302 806303	200 $\mu$ L   500 $\mu$ L 1 mL
Tau Dimethyl (Lys281)	1C9.G6	Mouse IgG1	Hu, Ms, Rat	Purified	WB, IHC	MMS-5101-100	819501	100 $\mu$ L
Tau Dimethyl (Lys311)	7G5.F4	Mouse IgG1	Hu, Ms, Rat	Purified	WB, IHC	MMS-5102-100	819601	100 $\mu$ L
Tau Nitrated (Tyr18)	Tau-nY18	Mouse IgG2b	Hu	Purified	WB	SIG-39436-100   SIG-39436-500	829701   829702	100 $\mu$ L   500 $\mu$ L
Tau Nitrated (Tyr29)	Tau-nY29	Mouse IgG1	Hu	Purified	WB	SIG-39439-200   SIG-39439-500 SIG-39439-1000	829801   829802 829803	200 $\mu$ L   500 $\mu$ L 1 mL
Tau Phospho (Ser214)	Poly8071	Rabbit Polyclonal	Hu	Purified	WB, IHC, ELISA	SIG-39455-050	807101	50 $\mu$ g
Tau Phospho (Ser235)	Poly8073	Rabbit Polyclonal	Hu	Purified	WB, IHC, ELISA	SIG-39462-050	807301	50 $\mu$ g
Tau Phospho (Ser396)	PHF-13	Mouse IgG2b	Hu	Purified	WB	MMS-546P-100   MMS-546P-1000	829001   829002	100 $\mu$ L   1 mL
Tau Phospho (Ser396)	Poly8074	Rabbit Polyclonal	Hu	Purified	WB, IHC, ELISA	SIG-39468-050	807401	50 $\mu$ g
Tau Phospho (Ser404)	Poly8075	Rabbit Polyclonal	Hu	Purified	WB, IHC, ELISA	SIG-39472-050	807501	50 $\mu$ g
Tau Phospho (Thr181)	Poly8068	Rabbit Polyclonal	Hu	Purified	WB, IHC, ELISA	SIG-39442-100	806801	100 $\mu$ L
Tau Phospho (Thr205)	Poly8069	Rabbit Polyclonal	Hu	Purified	WB, IHC, ELISA	SIG-39448-050	806901	50 $\mu$ g
Tau Phospho (Thr212)	Poly8070	Rabbit Polyclonal	Hu	Purified	WB, IHC, ELISA	SIG-39452-050	807001	50 $\mu$ g
Tau Phospho (Thr231)	PHF-6	Mouse IgG1	Hu	Purified	WB	MMS-545P-100	828901	100 $\mu$ L
						MMS-545P-1000	828902	1 mL
	Poly8072	Rabbit Polyclonal	Hu	Purified	WB, IHC, ELISA	SIG-39458-050	807201	50 $\mu$ g
TDP43	3H8	Mouse IgG1	Hu, Rat, Ms	Purified	IHC, ICC, WB	SIG-39850-100	810201	100 $\mu$ L
	TDP2H4	Rat IgG2a	Hu, Ms, Dog, NHP	Purified	IHC, WB, ELISA	SIG-39854-100	808301	100 $\mu$ L





Specificity	Clone	Isotype	Reactivity	Format	Applications	Former Cat. No.	Cat. No.	Size
TDP43 Phospho (Ser409/410)	1D3/TDP-43	Rat IgG2a	Hu, Ms, Rat	Purified	WB, IHC, IF, ELISA	SIG-39852-100	829901	100 µL
Thorase (Atad1)	N125/10	Mouse IgG1	Hu, Ms, Rat	Purified	WB, IHC	MMS-5155-100	820001	100 µL
TIMP2	3A4 (F27P3A4)	Mouse IgG2b	Hu, Ms, Rat	Purified	IHC, ICC	MMS-5294-100	814101	100 µL
TLR4 (CD284)/MD-2 Complex	7E3	Mouse IgG1	Hu	Purified	IHC, FC	MMS-5007-1000	812501	1 mL
	MTS510	Rat IgG2a	Ms	Purified	IHC, FC, IP	MRT-5014-1000	809101	1 mL
Tmem91	N160/21	Mouse IgG2b	Ms	Purified	IHC, WB	MMS-5203-100	821001	100 µL
TREM-2	6E9	Rat IgG2b	Ms	Purified	IP, FC	MRT-5093-1000	824801	1 mL
Tryptophan Hydroxylase	Poly28164	Sheep Polyclonal	Hu, Rat	Purified	WB, IHC	PSH-327P-100	816401	100 µL
Tubulin β 3 (TUBB3)	Poly18020	Rabbit Polyclonal	Mammal	Purified	IHC, WB, IF, ICC	PRB-435P-100	802001	100 µL
	TUJ1	Mouse IgG2a	Mammal	Purified	IHC, WB, IP, ICC	MMS-435P-100   MMS-435P-250	801201   801202	100 µL   250 µL
				Alexa Fluor® 488	WB, IF, IP	A488-435L-100	801203	100 µL
	TUJ1 1-15-79	Rabbit IgG	Mammal	Purified	IHC, WB, IF, IP	MRB-435P-100	811801	100 µL
Tyrosine Hydroxylase	2/40/15	Mouse IgG2a	Hu, Ms, Rat	Purified	IHC, WB	MMS-5210-100	818001	100 µL
	Poly28008	Rabbit Polyclonal	All Mammal, other	Purified	IHC, WB, ICC, IF, IP, ELISA	PRB-515P-100	800801	100 µL
Tyrosine Hydroxylase Phospho (Ser40)	Poly28021	Rabbit Polyclonal	Rat	Purified	WB, ELISA, IP, IHC	PRB-502P-100	802101	100 µL
Ubiquitin	P4D1	Mouse IgG1	Extensive (Yeast to Hu)	Purified	WB, ELISA	MMS-257P-200	812301	200 µL
	P4G7	Mouse IgG1	Extensive (Yeast to Hu)	Ascites	WB, ELISA	MMS-258R-200   MMS-258R-500	838701   838702	200 µL   500 µL
	Poly28405	Rabbit Polyclonal	Hu	Serum	WB, IF	PRB-268C-100	840501	100 µL
	Ubi-1	Mouse IgG1, κ	Hu, Bov, Chick, Drosophila, C. elegans	Ascites	IHC, WB, ELISA, IF	MMS-264R-100	836901	100 µL
Ubiquitin, 50-65 (bound)	3-39	Mouse IgG1, κ		Ascites	WB, IHC, IP, ELISA	SIG-39500-200   SIG-39500-500 SIG-39500-1000	835001   835002 835003	200 µL   500 µL 1 mL
Ubiquitin, 64-76 (free/bound)	5-25	Mouse IgG1, κ		Ascites	ELISA, WB	SIG-39400-200   SIG-39400-500 SIG-39400-1000	834901   834902 834903	200 µL   500 µL 1 mL
VDAC1	N152B/23	Mouse IgG2a	Hu, Ms, Rat	Purified	WB, IHC	MMS-5205-100	820701	100 µL
VGlut1	N28/9	Mouse IgG1	Hu, Ms, Rat	Purified	WB, IHC	MMS-5245-100	821301	100 µL
VGlut2	N29/29	Mouse IgG1	Ms, Rat	Purified	WB	MMS-5206-100	832801	100 µL
WAVE1	K91/36	Mouse IgG1	Hu, Ms, Rat	Purified	WB, IHC	MMS-5208-100	817901	100 µL

## Neuroscience Peptides, Proteins, Kits

Specificity	Applications	Former Cat. No.	Cat. No.	Size
Recombinant Human $\beta$ -Amyloid Peptide (1-40)	WB	rPEP-579P-1000	843701	1 mg
Recombinant Human $\beta$ -Amyloid Peptide (1-42)	WB	rPEP-590P-1000	843801	1 mg
Recombinant Human $\beta$ -Amyloid Scrambled Peptide (1-40)	WB	rPEP-597P-500	843901	500 $\mu$ g
Recombinant Human $\beta$ -Amyloid Scrambled Peptide (1-42)	WB	rPEP-598P-500	844001	500 $\mu$ g
BetaMark™ $\beta$ -Amyloid x-40 ELISA Kit (Chemiluminescent)	ELISA	SIG-38950-kit	842101	1 kit
BetaMark™ $\beta$ -Amyloid x-40 ELISA kit (TMB)	ELISA	SIG-38954-kit	842301	1 kit
BetaMark™ $\beta$ -Amyloid x-42 ELISA Kit (Chemiluminescent)	ELISA, IHC	SIG-38952-kit	842201	1 kit
BetaMark™ $\beta$ -Amyloid x-42 ELISA Kit (TMB)	ELISA	SIG-38956-kit	842401	1 kit
Recombinant Human sAPPbeta (APP751 isoform)	ELISA, WB	SIG-39938-020	843501	20 $\mu$ g
Recombinant Human APP751	WB, ELISA	PTN-5273-025	842601	25 $\mu$ g
Recombinant Human APP770	WB, ELISA	PTN-5279-025	843201	25 $\mu$ g
Recombinant Human DJ-1	WB	SIG-39900-050	843401	50 $\mu$ g
Recombinant Human Tau-352 (ON3R)	WB, ELISA	PTN-5274-025	842701	25 $\mu$ g
Recombinant Human Tau-381 (1N3R)	WB, ELISA	PTN-5275-025	842801	25 $\mu$ g
Recombinant Human Tau-383 (ON4R)	WB, ELISA	PTN-5277-025	843001	25 $\mu$ g
Recombinant Human Tau-410 (2N3R)	WB, ELISA	PTN-5276-025	842901	25 $\mu$ g
Recombinant Human Tau-412 (1N4R)	WB, ELISA	PTN-5278-025	843101	25 $\mu$ g
Recombinant Human Tau-441 (2N4R)	WB, ELISA	PTN-5272-025	842501	25 $\mu$ g
Recombinant Human Tubulin $\beta$ 3 (TUBB3) Peptide	IP, WB	PEP-435P-1000	843601	1 mg
Human $\alpha$ -Synuclein ELISA Kit	ELISA	SIG-38974-kit	844101	1 kit

## Immunopathology Antibodies

Specificity	Clone	Isotype	Reactivity	Format	Applications	Former Cat. No.	Cat. No.	Size
BCRP (ABCG2)	BXP-21	Mouse IgG2a	Hu	TCS	IHC	SIG-38822-500	918701	500 $\mu$ L
	BXP-34	Mouse IgG1	Hu	TCS	IHC, ICC, FC	SIG-38820-500	902501	500 $\mu$ L
BG-1	K21	Mouse IgM	Hu	Ascites	IHC	SIG-3310-1000	921802	1 mL
BG-2	T36	Mouse IgG3	Hu	Ascites	IHC	SIG-3311-1000	921902	1 mL
BG-3	CLCP-19B	Mouse IgG3	Hu	TCS	IHC	SIG-3312-1000	922002	1 mL
BG-4	17-206	Mouse IgG3	Hu	Ascites	IHC	SIG-3313-1000	922102	1 mL
BG-5	T174	Mouse IgG1	Hu	Ascites	IHC	SIG-3314-1000	922202	1 mL
BG-6	T218	Mouse IgM	Hu	Ascites	IHC	SIG-3315-1000	922302	1 mL
BG-8	F3	Mouse IgM	Hu	TCS	IHC	SIG-3317-1000	912501	1 mL
CD15 (BG-7)	P12	Mouse IgM	Hu	TCS	IHC	SIG-3339-1000	912901	1 mL
CD66C (CEACAM 6)	9A6	Mouse IgG1	Hu	Purified	IHC, WB	SIG-3750-100   SIG-3750-500	908601   908602	100 $\mu$ L   500 $\mu$ L
CD227 (MUC-1)	BC-2	Mouse IgG1	Hu	Purified	IHC	SIG-3621-1000	915701	1 mL
CD243 (ABC B1, P-glycoprotein 1)	4E3.16	Mouse IgG2a	Hu	Purified	IHC, IP	SIG-38740-1000	919401	1 mL
	C494	Mouse IgG2a	Hu, NHP	Purified	IHC, ICC, IP	SIG-38720-1000	907001	1 mL
	JSB-1	Mouse IgG1	Hu	TCS	IHC, ICC, WB, FC	SIG-38730-1000	901401	1 mL
CD243/ABC B4 (ABC B1, P-glycoprotein 1/MDR3)	C219	Mouse IgG1	Hu, Ms, Rat, Dog, NHP	Purified	IHC, WB, ICC, IP	SIG-38710-1000	903701	1 mL
EGFR	111.6	Mouse IgG1	Hu	Purified	IHC	SIG-3860-1000   SIG-3860-26	918301   918302	1 mL   6 mL

Specificity	Clone	Isotype	Reactivity	Format	Applications	Former Cat. No.	Cat. No.	Size
Estrogen Receptor	CO1531	Mouse IgG2a	Hu	Purified	IHC	SIG-3670-1000   SIG-3670-26	916301   916302	1 mL   6 mL
	D75	Rat IgG1, κ		Purified	IHC	SIG-3665-1000   SIG-3665-16 SIG-3665-26	916201   916202 916203	1 mL   6 mL 6 mL
Folate Binding Protein	LK26	Mouse IgG2a	Hu	Purified	IHC, IP	SIG-3619-1000	908301	1 mL
GD3 (MEL-1)	R24	Mouse IgG3	Hu	Purified	IHC	SIG-38110-1000	917701	1 mL
HE4	Poly19085	Rabbit Polyclonal	Hu	Purified	IHC, WB	SIG-3731-100   SIG-3731-1000	908501   908502	100 µL   1 mL
Hepsin	Poly9168	Rabbit Polyclonal		Purified	IHC	SIG-3740-1000   SIG-3740-16 SIG-3740-26	916801   916802 916803	1 mL   6 mL 6 mL
MART-1	M2-7C10	Mouse IgG2b	Hu	Purified	IHC	SIG-38160-1000   SIG-38160-26	917901   917902	1 mL   6 mL
	M2-9E3	Mouse IgG2b	Hu	Purified	IHC	SIG-38165-1000	918001	1 mL
MPF	K1	Mouse IgG1	Hu, NHP	Ascites	IHC, WB	SIG-3623-1000	922402	1 mL
MRP1 (ABCC1)	MRPm5	Mouse IgG2a	Hu	TCS	IHC	SIG-38775-500	918401	500 µL
	MRPr1	Rat IgG2a		TCS	IHC, ICC	SIG-38760-500	907201	500 µL
	QCRL1	Mouse IgG1	Hu	Purified	ICC, IHC, WB	SIG-38765-1000	907101	1 mL
MRP2 (cMOAT)	M2III-6	Mouse IgG2a	Hu, Rat	TCS	IHC, ICC	SIG-38785-500	907301	500 µL
	M2I-4	Mouse IgG1	Hu	TCS	IHC	SIG-38780-500	918501	500 µL
MRP3 (cMOAT2)	M3II-21	Mouse IgG2b	Hu	TCS	IHC, ICC	SIG-38800-500	907401	500 µL
	M3II-9	Mouse IgG1	Hu	TCS	IHC	SIG-38795-500	918601	500 µL
MRP5 (ABCC5)	M5I-1	Rat IgG2a	Hu	TCS	IHC, ICC	SIG-38810-500	907501	500 µL
MRP6 (ABCB6)	M6II-7	Rat IgG2a	Hu	TCS	IHC, ICC	SIG-38825-500	907601	500 µL
MVP	LMR5	Rat IgG	Hu	TCS	IHC, FC	SIG-38790-500	903301	500 µL
PCNA	PC10	Mouse IgG2a	Hu	Purified	IHC	SIG-3523-1000   SIG-3523-16	914901   914902	1 mL   6 mL
PMEL17 (HMB45)	HMB45	Mouse IgG1	Hu	Purified	IHC	MMS-438P-500	900101	500 µL
Progesterone Receptor (PR)	1A6	Mouse IgG1		Purified	IHC	SIG-3521-26	914801	6 mL
Prostate Specific Antigen (PSA)	Poly29116	Rabbit Polyclonal	Hu	Purified	IHC	SIG-3117-1000   SIG-3117-26	911601   911602	1 mL   6 mL
TYRP1 (MEL-5)	Ta99	Mouse IgG2a	Hu	TCS	IHC	SIG-38150-1000	917801	1 mL
URO-1	J143	Mouse IgG1	Hu	Purified	IHC	SIG-38010-1000	917201	1 mL
URO-4	S27	Mouse IgG1	Hu	Purified	IHC	SIG-38040-1000	917401	1 mL
URO-5	T16	Mouse IgG2b	Hu	Purified	IHC	SIG-38050-1000	917501	1 mL
URO-7	S22	Mouse IgG1	Hu	Purified	IHC	SIG-38070-1000	917601	1 mL
URO-8	F31	Mouse IgM	Hu	Ascites	IHC	SIG-38080-1000	922502	1 mL

Specificity	Clone	Isotype	Reactivity	Format	Applications	Former Cat. No.	Cat. No.	Size
ABCA3	3C9	Mouse IgG2a	Rat	Purified	IHC	MMS-645P-100	911001	100 µL
Alpha B Crystallin	Poly9079	Rabbit Polyclonal	Hu, Ms	Purified	IHC, WB	PRB-105P-200   PRB-105P-500	907901   907902	200 µL   500 µL
Alpha Skeletal Muscle Actin	Alpha Sr-1	Mouse IgM	Hu, Ms, Rat, Rab, Chick	TCS	IHC, ICC, WB	MMS-467S-250	904701	250 µL
Alpha Smooth Muscle Actin	1A4	Mouse IgG2a	Hu, Rat, Cow, Chick	TCS	IHC, ICC, WB	MMS-466S-250	904601	250 µL
Bax	6A7	Mouse IgG1	Hu, Ms, Rat	Ascites	IP	MMS-565R-100	922601	100 µL
Bin-1	2F11/Bin-1	Mouse IgG1	Hu	Purified	IHC, WB	SIG-3760-500   SIG-3760-1000	917001   917002	500 µL   1 mL
BrdU	Bu20a	Mouse IgG1		TCS	IHC	MMS-139S-250	900201	250 µL
CD3	Poly29158	Rabbit Polyclonal	Hu, NHP	Purified	IHC	SIG-362S-26	915801	6 mL
CD29, Activating (Integrin β1)	P4G11	Mouse IgG1	Hu	Ascites	WB, IF, IP	MMS-480R-100	921401	100 µL
CD29, Inhibitory (Integrin β1)	P5D2	Mouse IgG1	Hu	Ascites	WB, IF, IP, Block, FC	MMS-472R-100	921301	100 µL
CD31 (PECAM-1)	JC/70A	Mouse IgG1, κ	Hu	Purified	IHC	SIG-3632-1000   SIG-3632-26	916001   916002	1 mL   6 mL
	P2B1	Mouse IgG1	Hu	Ascites	IHC, WB, IF, IP	MMS-484R-100	910003	100 µL
CD49b (Integrin α2)	P1E6	Mouse IgG1	Hu	Purified	IHC	MMS-488P-100	910901	100 µL
CD49C (Integrin α3)	P1B5	Mouse IgG1	Hu	Ascites	IHC, IF, IP	MMS-490R-100	921601	100 µL
CD49D	P4C2	Mouse IgG3	Hu	Purified	FC, IF, IP	MMS-492P-100	910101	100 µL
CD49E (Integrin α5)	P1D6	Mouse IgG3	Hu	Ascites	IF, IP, Block	MMS-496R-100	921701	100 µL
CD51 (Integrin αvβ5)	P1F6	Mouse IgG1	Hu, Rat, Ham	Ascites	IHC, IP, IF, FC	MMS-474R-100	920001	100 µL
CD68	KP1	Mouse IgG1, κ	Hu	TCS	IHC	SIG-3634-1000   SIG-3634-26	916101   916102	1 mL   6 mL
CD93	60.11	Mouse IgG1	Hu, Ms, Rat	Ascites	WB, IP, ELISA, FC	MMS-606R-100	920701	100 µL
	74.5.2	Mouse IgG1	Hu, Ms, Rat	Ascites	WB, IP, ELISA, FC	MMS-604R-100	920601	100 µL
CD106 (VCAM-1)	P3C4	Mouse IgG1	Hu	Purified	IHC, IP, IF, FC	MMS-476P-100	919801	100 µL
CD141 (Thrombomodulin)	Phx-01	Mouse IgG1	Mammal	Purified	IHC, WB, ELISA	MMS-176P-100	902101	100 µL
	Phx-02	Mouse IgG1	Mammal	Purified	IHC, WB, IF, ELISA	MMS-178P-100	902201	100 µL
CLIC4 N-Terminal	Poly9084	Rabbit Polyclonal	Hu	Purified	IHC, WB	SIG-367S-100	908401	100 µL
COL17A1	NC16A-3	Mouse IgG1	Hu	Purified	IHC, WB	SIG-3780-1000	917101	1 mL
Cytokeratin	MNF116	Mouse IgG1	Hu, Cow, Ms, Rab, Rat	TCS	WB, ICC, IHC	MMS-151S-250	919601	250 µL
Cytokeratin (4, 5 and 6)	D5/16 B4	Mouse IgG1	Hu	Purified	WB, ICC, IHC	MMS-181P-250	919701	250 µL
Cytokeratin 7	OV-TL 12/30	Mouse IgG1	Hu	TCS	IHC, ICC, WB	MMS-148S-250	904201	250 µL
Cytokeratin 10	DE-K10	Mouse IgG1	Hu, Ms	TCS	IHC, WB, ICC	MMS-159S-250	904301	250 µL
Cytokeratin 18	5E8/CK-18	Mouse IgG2b	Hu	Purified	IHC	SIG-3466-100	914301	100 µL
Cytokeratin 20	Ks20.8	Mouse IgG2a, κ	Hu	Purified	IHC	SIG-3720-1000   SIG-3720-26	916401   916402	1 mL   6 mL
Cytoplasmic Dynein Intermediate Chain	74.1	Mouse IgG2b	Vertebrate, Drosophila	Purified	WB, IHC, IP	MMS-400P-100	904901	100 µL
Desmin	D33	Mouse IgG1	Hu, Pig, Ms, Rat	TCS	WB, IHC	MMS-454S-250	919901	250 µL
			Hu, Ms, Dog, NHP	TCS	IHC	SIG-3469-1000	919902	1 mL
Detyrosinated α-Tubulin	AA12	Mouse IgG2a	Mammal	Purified	IHC, WB, IF	MMS-487P-100	909501	100 µL
				Ascites	IHC, WB, IF	MMS-487R-200	909503	200 µL



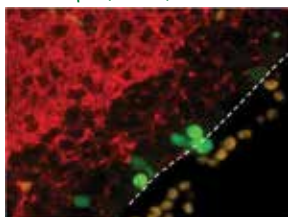
Specificity	Clone	Isotype	Reactivity	Format	Applications	Former Cat. No.	Cat. No.	Size
Drosophila HP1	Poly19239	Rabbit Polyclonal	Drosophila	Serum	IHC, IF	PRB-291C-200	923901	200 µL
	Poly19240	Rabbit Polyclonal	Drosophila	Serum	IHC, IF	PRB-293C-200	924001	200 µL
	Poly19241	Rabbit Polyclonal	Drosophila	Serum	IHC, IF	PRB-297C-200	924101	200 µL
DUX4	P2B1	Mouse IgG1	Hu	Purified	IHC, ICC	SIG-3150-100	910001	100 µL
Fibrillarlin	38F3	Mouse IgG1	Hu, Rat, Drosophila, S. pombe, C. elegans, Plants	TCS	WB, IF, ICC	MMS-581S-200	905001	200 µL
Flightless-I Protein	116.40	Mouse IgG1	Hu	Purified	IHC, WB	MMS-429P-100	907701	100 µL
				Ascites	IHC, WB	MMS-429R-200	907703	200 µL
Giantin	Poly19087	Rabbit Polyclonal	Hu, NHP, Dog, Rodent	Alexa Fluor® 488	WB, IF	A488-114L-100	908701	100 µL
	Poly19097	Rabbit Polyclonal	Hu, NHP, Rodent	Purified	WB, IF	PRB-114P-100	909701	100 µL
	Poly19243	Rabbit Polyclonal	Hu, NHP, Rodent	Serum	WB, IF	PRB-114C-200	924302	200 µL
GPP130	Poly19238	Rabbit Polyclonal	NHP, Rab, Rodent, Hu	Serum	WB, ICC, IP	PRB-144C-200	923801	200 µL
H. pylori	Poly29135	Rabbit Polyclonal	Hu	Purified	IHC	SIG-3431-26	913501	6 mL
HBsAg	S1-210	Mouse IgG2b	Hu	Purified	IHC	SIG-3433-1000	913601	1 mL
HCV	Tordji-22	Mouse IgG1		Purified	IHC	SIG-3434-1000   SIG-3434-26	913701   913702	1 mL   6 mL
HIV gp120	ED8.D4	Mouse IgG1	HIV-1	Purified	WB, ELISA	MMS-193P-250	906801	250 µL
HIV TAT	AC11.AE12	Mouse IgG1	1-37 aa of HIV TAT Tag	Purified	WB	MMS-116P-250	919001	250 µL
HOX C8	C952-12E	Mouse IgG2b	Ms, Chick	Ascites	IHC, WB, IF	MMS-286R-100   MMS-286R-500	920501   920502	100 µL   500 µL
Hoxb-1	Poly19081	Rabbit Polyclonal	Ms, NHP	Purified	WB, IHC	PRB-231P-100	908101	100 µL
HSV	Poly29138	Rabbit Polyclonal	Hu	Purified	IHC	SIG-3435-1000   SIG-3435-16   SIG-3435-26	913801   913802	1 mL   6 mL
Insulin Degrading Enzyme (IDE)	9B12.225	Mouse IgG1, κ	Hu, NHP, Rat, Ham	Ascites	WB, IF, IP	MMS-282R-100	921201	100 µL
Involucrin	Poly19244	Rabbit Polyclonal	Ms	Serum	WB, IF, IHC	PRB-140C-200	924401	200 µL
Keratin 1	Poly19056	Rabbit Polyclonal	Ms	Purified	IHC, IF, WB	PRB-165P-100	905601	100 µL
Keratin 6A	Poly19057	Rabbit Polyclonal	Ms	Purified	IHC, IF, WB	PRB-169P-100	905701	100 µL
KIF3A	K2.4	Mouse IgG1	Mammal, Sea Urchin, Xenopus	Purified	WB, IF	MMS-198P-200	909001	200 µL
KIF5A	SUK-4	Mouse IgG1	Hu, Rat, Bov, Sea Urchin, Drosophila	Purified	WB, IF	MMS-188P-200	908901	200 µL
KIN-28	Poly19249	Rabbit Polyclonal	Yeast	Serum	WB	PRB-250C-200	924901	200 µL
Krox-20 (EGR2)	Poly19011	Rabbit Polyclonal	Hu, Rodent, Chick	Purified	IHC, WB	PRB-236P-100	901101	100 µL
Lamin A	Poly19234	Rabbit Polyclonal	Hu	Serum	WB, IF, IHC	PRB-113C-100	923401	100 µL
Lamin A/C	XB10	Mouse IgM	Mammal	Purified	IF	MMS-107P-100	918901	100 µL
LASP1	8C6	Mouse IgG1	Hu, Ms, Rat, Rab	Purified	WB, IF	MMS-426P-100	909301	100 µL
MAD2	Poly19246	Rabbit Polyclonal	Hu	Serum	WB, IF	PRB-452C-200	924601	200 µL
mAKAP	OR017.720	Mouse IgG2b	Rat	Purified	WB, IF, IP	MMS-448P-100	923201	100 µL
	Poly19028	Rabbit Polyclonal	Rat	Purified	IHC, WB, IF, IP	PRB-451P-100	902801	100 µL
MAN2A1 (Mannosidase II)	53FC3	Mouse IgG2b	Rodent	Ascites	IF	MMS-110R-200   MMS-110R-500	923101   923102	200 µL   500 µL
MAP1B	AA9	Mouse IgG2a	All Mammal	Ascites	WB	MMS-495R-100	922901	100 µL
MAP2	AA5	Mouse IgG2a	All Mammal	Ascites	WB	MMS-493R-100	922801	100 µL

Specificity	Clone	Isotype	Reactivity	Format	Applications	Former Cat. No.	Cat. No.	Size
MAPK Phospho (Thr202/Tyr20)	Poly29193	Rabbit Polyclonal	Mammal	Purified	IHC, WB	PRB-508P-100	919301	100 µL
MLK-2	Poly19041	Rabbit Polyclonal	Hu	Purified	WB, IP, ELISA	SIG-39070-1000	904101	1 mL
Msx-1	4F11	Mouse IgG1	Ms	Ascites	IHC, WB, IP, IF	MMS-261R-100	921101	100 µL
Myosin Heavy Chain	H11	Mouse IgM	Mammal	Ascites	WB, IF, IP	MMS-460R-100	922701	100 µL
Myosin II (pan reactive)	C5C.S2	Mouse IgM	Hu, Dog, Rodent	TCS	WB, IP	MMS-456S-100	909401	100 µL
Myosin Phosphatase	Poly19251	Rabbit Polyclonal	Hu, Dog, Rodent	Serum	WB	PRB-457C-100	925101	100 µL
Myosin-9	Poly19098	Rabbit Polyclonal	Hu, Rodent, Bov	Purified	WB, IF	PRB-440P-100	909801	100 µL
Myosin-10	Poly19099	Rabbit Polyclonal	Hu, Rodent	Purified	WB, IF, IHC	PRB-445P-100	909901	100 µL
Nesprin-1	Poly19027	Rabbit Polyclonal	Rat	Purified	IHC, WB, IF, IP	PRB-439P-100	902701	100 µL
NMHC II-C	Poly19192	Rabbit Polyclonal	Ms	Purified	WB, IF	PRB-444P-100	919201	100 µL
Nuclear Pore Complex Proteins	MAb414	Mouse IgG1	Vertebrate, Xenopus, Yeast	Purified	WB, IHC, IF, IP, EM	MMS-120P-100   MMS-120P-500	902901   902902	100 µL   500 µL
				Ascites	WB, IF, IP, IEM	MMS-120R-200   MMS-120R-500	902903   902904	200 µL   500 µL
NUP153	QE5	Mouse IgG1	Eukaryote	Purified	WB, IF, IP	MMS-102P-100	906201	100 µL
p38 MAPK Phospho (Thr180/Tyr182)	Poly29035	Rabbit Polyclonal	Hu, Bov, Dog, Chick, Ms, NHP, Rat, Zebrafish	Purified	WB, ELISA, IHC, IP	PRB-510P-100	903501	100 µL
p53 Phospho (Ser392)	Poly29036	Rabbit Polyclonal	Hu, Rat, NHP	Purified	WB, IHC, IF, ELISA	PRB-511P-100	903601	100 µL
Pax-2	Poly19010	Rabbit Polyclonal	Hu, Ms, Chick, Xenopus, Zebrafish	Purified	IHC, WB, IP	PRB-276P-200	901001	200 µL
Pax-6	Poly19013	Rabbit Polyclonal	Hu, Ms, Mammal	Purified	WB, IHC, IF	PRB-278P-100	901301	100 µL
Pericentrin	Poly19237	Rabbit Polyclonal	Vertebrate, Insect, Ciliate, Amoeba, Flagellate	Serum	WB, IF, IP, IEM	PRB-432C-200	923701	200 µL
Peripherin	8G2	Mouse IgG1, κ	Mammal, maybe Chick	TCS	WB, IHC	MMS-582S-200	907801	200 µL
Prox1	Poly19252	Rabbit Polyclonal	Hu, Ms, Rat	Serum	IHC, IF	PRB-238C-200	925201	200 µL
PTH1R	Poly19066	Rabbit Polyclonal	Hu	Purified	WB, IF, IP	PRB-640P-100	906601	100 µL
PTH1R (Peptide IV)	Poly19064	Rabbit Polyclonal	Rat, Ms	Purified	WB, IF, IP	PRB-630P-100	906401	100 µL
PTH1R (Peptide VII)	Poly19065	Rabbit Polyclonal	Rat, Ms	Purified	WB, IF, IP	PRB-635P-100	906501	100 µL
RNA Polymerase II	8WG16	Mouse IgG2a	Extensive (Yeast to Hu)	Ascites	WB, IF, ICC, IP	MMS-126R-200   MMS-126R-500	920101   920102	200 µL   500 µL
	CTD4H8	Mouse IgG1	Hu, Ms, Rat, Drosophila, Yeast, Zebrafish	Purified	WB, IP, ELISA, IF, ChIP	MMS-128P-100	904001	100 µL
	H5	Mouse IgM	Extensive (Yeast to Hu)	Ascites	WB, IF, IP	MMS-129R-200   MMS-129R-500	920201   920202	200 µL   500 µL
	H14	Mouse IgM	Extensive (Yeast to Hu)	Ascites	WB, IF, IP	MMS-134R-200   MMS-134R-500	920301   920302	200 µL   500 µL
RNA Polymerase II Sampler	8WG16 (IgG2a), H5 (IgM), H14 (IgM)		Extensive (Yeast to Hu)	Ascites	WB, IF, IP	MPY-127R-200	920401	3 x 200 µL
TNF-α	TNF 104C	Mouse IgG2a	Hu	Purified	WB, FA, ELISA, FC, Neut	MMS-146P-250	901201	250 µL
TTTT-1	8G7G3/1	Mouse IgG1		Purified	IHC	SIG-3830-26	918101	6 mL
α-Tubulin	AA13	Mouse IgG2a	Mammal	Purified	WB, IF	MMS-489P-100	909601	100 µL
				Ascites	WB, IF	MMS-489R-200	909603	200 µL
Tubulin α 1b, Acetylated (TUBA1B)	6-11B-1	Mouse IgG2b	Bov, Ms, Rat	Ascites	WB, IHC, IF, ICC	MMS-413R-200	920901	200 µL



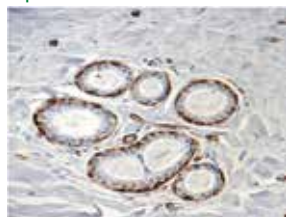
Specificity	Clone	Isotype	Reactivity	Format	Applications	Former Cat. No.	Cat. No.	Size
β-Tubulin	TU27/Tubulin	Mouse IgG1	Bov, Rat, Ch Ham, Sea Urch, Chlam	Purified	WB, IHC, IF	MMS-410P-250	903401	250 μL
Tubulin-β 2B (TUBB2B)	6B1/Tubulin	Mouse IgG3	Mammal	Purified	WB, IF	MMS-424P-200	909201	200 μL
	7B9	Mouse IgG3	Mammal	Purified	WB, IF	MMS-422P-200	909101	200 μL
Tubulin β 3 (TUBB3)	TU-20	Mouse IgG1	Hu	TCS	IHC	SIG-3840-1000	918201	1 mL
Tubulin β 3, Depolymerized (TUBB3)	SMI 61	Mouse IgM	Mammal	Ascites	WB, ICC, IHC, ELISA	SMI-61R-500	920801	500 μL
Tubulin β 3, Polymerized (TUBB3)	SMI 62	Mouse IgG1	Mammal, Green Algae, Molds	Ascites	WB, ICC, ELISA	SMI-62R-500	921001	500 μL
Tubulin γ 1 (TUBG1)	Poly9245	Rabbit Polyclonal	Human, NHP, Rodent, Xenopus	Antiserum	WB, IF	PRB-433C-200	924501	200 μL
VEGF	VG-1	Mouse IgG1	Hu	Purified	IHC	SIG-3738-1000   SIG-3738-26	916701   916702	1 mL   6 mL
Vimentin	Poly29191	Chicken IgY	Hu, Rat, Ms	Purified	IHC, IF, ICC, WB	PCK-594P-100	919101	100 μL
	Vim 3B4	Mouse IgG2a	Hu, Rat, Dog, Cow, Hs, Rab, Ham, Chick, Xenopus Laevis	TCS	IHC, ICC, WB	MMS-464S-250	904501	250 μL

Tubulin β 3 (TUBB3)



IHC staining of clone TUJ1 (green) on rat hippocampus section. Additional staining provided by anti-NF-H (Poly28226) and DRAQ5.

Alpha Smooth Muscle Actin



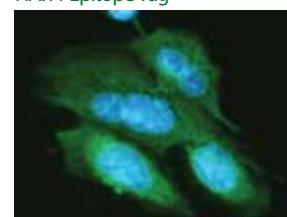
IHC staining of Alpha Smooth Muscle Actin (clone 1A4), diluted 1:50 on formalin-fixed, paraffin-embedded human breast tissue.

Flightless-I Protein



IHC staining of Human Flightless-1 Protein (clone 116.40) on formalin-fixed, paraffin-embedded normal human bladder.

HA.11 Epitope Tag



ICC staining of HA.11 (clone 16B12) Alexa Fluor(R) 488 on overexpressing HA cell line.



## Proteins, Peptides

Specificity	Format	Applications	Former Cat. No.	Cat. No.	Size
6-His Peptide Tag	Peptide	IP, WB	PEP-156P-1000   PEP-156P-5	931601   931602	1 mg   5 mg
AU1 Peptide Tag	Peptide	IP, WB	PEP-130P-1000	931801	1 mg
AU5 Peptide Tag	Peptide	IP, WB	PEP-135P-1000	931901	1 mg
c-Myc Peptide Tag	Peptide	IP, WB	PEP-150P-1000   PEP-150P-5	931701   931702	1 mg   5 mg
GLU-GLU Peptide Tag	Peptide	IP, WB	PEP-115P-1000	931502	1 mg
HA Peptide Tag	Peptide	IP, WB	PEP-101P-1000   PEP-101P-5	931401   931402	1 mg   5 mg
Recombinant Posi-Tag Epitope Tag Protein	Protein	WB	PRO-133P-050	931301	50 µL



## Epitope Tags: Antibodies

Specificity	Clone	Isotype	Reactivity	Format	Applications	Former Cat. No.	Cat. No.	Size
6-His Epitope Tag	6-His	Mouse IgG1	6xHis Tag	Purified	WB, IP, IF	MMS-156P-200   MMS-156P-500	906101   906102	200 µL   500 µL
				Ascites	WB, IP, IF	MMS-156R-200   MMS-156R-500	906107   906108	200 µL   500 µL
				Biotin	WB, IP, IF	BIOT-156L-100	906103	100 µL
				FITC	WB, IP, IF	FITC-156L-100	906105	100 µL
6-His Epitope Tag Affinity Matrix	6-His			Affinity Matrix	Purification	AFC-156P-1000	900501	1 mL
β-Galactosidase	DC1 4C7	Mouse IgG1	β-Galactosidase Protein	Purified	WB, ELISA	MMS-168P-100	906701	100 µL
AU1 Epitope Tag	AU1	Mouse IgG2a	DTYRYI Tag	Purified	WB, IF, IP	MMS-130P-200   MMS-130P-500	901901   901902	200 µL   500 µL
				Ascites	WB, IF, IP, IHC	MMS-130R-200   MMS-130R-500	901903   901904	200 µL   500 µL
	Poly29031	Rabbit Polyclonal		Purified	WB, IHC, ICC, ELISA	PRB-130P-100	903101	100 µL
AU1 Epitope Tag Affinity Matrix	AU1		DTYRYI Tag	Affinity Matrix	Purification	AFC-130P-1000	900601	1 mL
AU5 Epitope Tag	AU5	Mouse IgG1	TDFYLK Tag	Purified	WB, IF, IP	MMS-135P-200   MMS-135P-500	902001   902002	200 µL   500 µL
				Ascites	WB, IF, IP	MMS-135R-200   MMS-135R-500	902005   902006	200 µL   500 µL
				Biotin	WB, IF, IP	BIOT-135L-100	902003	100 µL
AU5 Epitope Tag Affinity Matrix	AU5			Affinity Matrix	Purification	AFC-135P-1000	900701	1 mL
c-Myc	Poly9242	Rabbit Polyclonal		Serum	IF, WB, IP	PRB-150C-200   PRB-150C-500	924201   924202	200 µL   500 µL
c-Myc Epitope Tag	9E10	Mouse IgG1		Biotin	WB, IF	BIOT-150L-100	908805	100 µL
	9E11	Mouse IgG2a	Hu	Purified	WB, ICC, IHC	MMS-164P-100	904401	100 µL
	Poly9063	Rabbit Polyclonal		Purified	WB, IF, IP	PRB-150P-200   PRB-150P-500	906301   906302	200 µL   500 µL
c-Myc Epitope Tag Affinity Matrix	9E10			Affinity Matrix	Purification	AFC-150P-1000	900401	1 mL
Cre Recombinase	7.23	Mouse IgG1		Biotin	WB	BIOT-106L-100	900903	100 µL
				Purified	WB	MMS-106P-200	900901	200 µL
	Poly9080	Rabbit Polyclonal	Bacteriophage	Purified	WB, IHC	PRB-106P-200	908001	200 µL
DYKDDDDK Epitope Tag	Poly9024	Rabbit Polyclonal		Purified	WB, IP, IF	PRB-132P-200	902401	200 µL
				Serum	WB, IP	PRB-132C-200	923601	200 µL
GAL4	Poly19250	Rabbit Polyclonal	Yeast	Serum	WB	PRB-255C-200	925001	200 µL

Specificity	Clone	Isotype	Reactivity	Format	Applications	Former Cat. No.	Cat. No.	Size
GFP Epitope Tag	B34	Mouse IgG1	Green Fluorescent Protein Tag	Purified	WB	MMS-118P-200   MMS-118P-500	902601   902602	200 µL   500 µL
				Ascites	WB, FC	MMS-118R-200   MMS-118R-500	902603   902604	200 µL   500 µL
Glu-Glu Epitope Tag	Glu-Glu	Mouse IgG1	EYMPME and EFMPME Tag	Purified	WB, IP, IF	MMS-115P-200   MMS-115P-500	901801   901802	200 µL   500 µL
				Ascites	WB, IP, IF, IHC	MMS-115R-200   MMS-115R-500	901805   901806	200 µL   500 µL
				Biotin	WB, IF, IP	BIOT-115L-100	901803	100 µL
Glu-Glu Epitope Tag Affinity Matrix	Glu-Glu			Affinity Matrix	Purification	AFC-115P-1000	900301	1 mL
GST Epitope Tag	4C10	Mouse IgG2b	Glutathione S-transferase Tag	Purified	WB, IHC, IP, Purification	MMS-112P-200   MMS-112P-500	901601   901602	200 µL   500 µL
				Ascites	WB, IHC, IP, Purification	MMS-112R-200   MMS-112R-500	901603   901604	200 µL   500 µL
	Poly9248	Rabbit Polyclonal	GST Tag	Serum	WB	PRB-112C-200	924801	200 µL
HA Tag	Poly9235	Rabbit Polyclonal		Serum	WB, IP	PRB-101C-200   PRB-101C-500	923501   923502	200 µL   500 µL
HA.11 Epitope Tag	16B12	Mouse IgG1	YPYDVPDYA Tag	Purified	WB, IHC, IF, IP	MMS-101P-200   MMS-101P-500 MMS-101P-1000	901501   901502 901503	200 µL   500 µL 1 mL
				Ascites	WB, IHC, IF, IP, FC	MMS-101R-200   MMS-101R-500 MMS-101R-1000	901513   901514 901515	200 µL   500 µL 1 mL
				Biotin	WB, IHC, IF, IP	BIOT-101L-100	901505	100 µL
				FITC	WB, IF, IP	FITC-101L-100	901507	100 µL
				Alexa Fluor® 488	IF, FC	A488-101L-100	901509	100 µL
				Alexa Fluor® 594	IF, FC	A594-101L-100	901511	100 µL
	Poly9023	Rabbit Polyclonal		Purified	WB, IP	PRB-101P-200   PRB-101P-500	902301   902302	200 µL   500 µL
HA.11 Epitope Tag Affinity Matrix	16B12			Affinity Matrix	Purification	AFC-101P-1000	900801	1 mL
Maltose Binding Protein (MBP)	YM-2	Rat IgG2b, κ	Maltose-binding Protein Tag	Purified	WB, ELISA	MRT-131P-200	906901	200 µL
T7 Epitope Tag	Poly29032	Rabbit Polyclonal		Purified	WB, IHC, ICC, ELISA	PRB-186P-100	903201	100 µL
V5 Epitope Tag	Poly29038	Rabbit Polyclonal		Purified	WB, ICC, ELISA	PRB-189P-100	903801	100 µL
VSV-G Epitope Tag	Poly29039	Rabbit Polyclonal		Purified	WB, ICC, ELISA	PRB-192P-100	903901	100 µL



## Detection Reagents: Antibodies

Specificity	Clone	Isotype	Reactivity	Format	Applications	Former Cat. No.	Cat. No.	Size
Anti-FITC	Poly29030	Goat Polyclonal		Purified	WB, IHC, ICC, ELISA	PGT-163P-100	903001	100 µL
Anti-GAPDH	1D4	Mouse IgM, κ	Mammal (Hu, Cow, Pig, Ms, Rat, Avian)	TCS	WB, IF, ICC	MMS-580S-200	919501	200 µL
Mouse IgG1 Isotype Ctrl	MOPC-21	Mouse IgG1	Ms	Purified	WB, IHC	CTL-4105-100	910201	100 µL
Mouse IgG2a Isotype Ctrl	C1.18.4	Mouse IgG2a	Ms	Purified	IHC	CTL-4106-100	910301	100 µL
Mouse IgG2b Isotype Ctrl	MPC-11	Mouse IgG2b	Ms	Purified	IHC	CTL-4107-100	910401	100 µL
Rabbit Polyclonal Isotype Ctrl	Poly29108	Rabbit Polyclonal	Rab	Purified	WB, IHC, ICC, ELISA	CTL-4112-100	910801	100 µL
Rat IgG1 Isotype Ctrl	HRPN	Rat IgG1	Rat	Purified	IHC	CTL-4109-100	910501	100 µL
Rat IgG2a Isotype Ctrl	2A3	Rat IgG2a	Rat	Purified	WB, IHC, ICC, ELISA	CTL-4110-100	910601	100 µL
Rat IgG2b Isotype Ctrl	LTF-2	Rat IgG2b	Rat	Purified	WB, IHC, ICC, ELISA	CTL-4111-100	910701	100 µL

## IHC Detection Reagents

Specificity	Applications	Former Cat. No.	Cat. No.	Size
ACUITYAdvanced Biotin Free Polymer Detection System Kit	IHC	SIG-32904-kit	931101	150 tests
ACUITYAdvanced Biotin Free Polymer Detection System Kit	IHC	SIG-32906-kit	931201	500 tests
ACUITYAdvanced Biotin Free Polymer Detection System AEC Kit	IHC	SIG-32900-kit	930901	50 tests
ACUITYAdvanced Biotin Free Polymer Detection System DAB Kit	IHC	SIG-32902-kit	931001	50 tests
ACUITYAdvanced Biotin Free Polymer Detection System (Cap Gap) Kit	IHC	SIG-32910-kit	930501	700 tests
ACUITYAdvanced Biotin Free Polymer Detection System (Cap Gap) Complete Kit	IHC	SIG-32912-kit	930601	700 tests
ACUITYAdvanced Biotin Free Polymer Detection System Complete Kit	IHC	SIG-32914-kit	930701	10,000 tests
ACUITYAdvanced Mouse-on-Mouse Detection System DAB Kit	IHC	SIG-32820-kit	930801	50 tests
Antibody Diluent Buffer	IHC	SIG-31120-50	926001	50 mL
Antibody Diluent Buffer	IHC	SIG-31121-250	926002	250 mL
Avidin/Biotin Blocking System	IHC, WB	SIG-31126-kit	927301	2 x 15 mL
Boost DAB Enhancer, 50X	IHC	SIG-31047-3	926701	3 mL
Capillary Action Buffer 1	IHC	SIG-32320-1	930001	1 L
Capillary Action Buffer 2/3	IHC	SIG-32330-1	930101	1 L
Capillary Action Water Wash	IHC	SIG-32340-1	930201	1 L
Capillary Action Trays	IHC	SIG-32350-pkg	930301	250 pcs
Capillary Action Wicking Pads	IHC	SIG-32360-50	930401	50 pcs
DAB 2 Component with Stabilizer	IHC	SIG-31048-kit	926801	1 kit
DAB Substrate Buffer with Stabilizer	IHC	SIG-31049-100	926901	2 x 50 mL
Humidity Chamber Plus	IHC	SIG-31031-1	926301	1 pk
Normal Serum Block	IHC	SIG-31170-6	927501	6 mL
Normal Serum Block	IHC	SIG-31171-15	927502	15 mL
Normal Serum Block	IHC	SIG-31172-50	927503	50 mL
PBS, 10x Concentrate	IHC	SIG-31020-1	926201	1 L
Peroxide Blocking Reagent	IHC	SIG-31128-15	927401	15 mL

Specificity	Applications	Former Cat. No.	Cat. No.	Size
Peroxide Blocking Reagent	IHC	SIG-31130-50	927402	50 mL
Retrieve-All Antigen Unmasking System 1: Universal, 1X	IHC	SIG-31912-500	928001	500 mL
Retrieve-All Antigen Unmasking System 1: Universal, 10X	IHC	SIG-31914-500	928101	500 mL
Retrieve-All Antigen Unmasking System 1: Universal, 100X	IHC	SIG-31910-50	927901	50 mL
Retrieve-All Antigen Unmasking System 2: Basic, 1X	IHC	SIG-31922-500	928301	500 mL
Retrieve-All Antigen Unmasking System 2: Basic, 10X	IHC	SIG-31924-500	928401	500 mL
Retrieve-All Antigen Unmasking System 2: Basic, 100X	IHC	SIG-31920-50	928201	50 mL
Retrieve-All Antigen Unmasking System 3: Acidic, 1X	IHC	SIG-31902-500	927701	500 mL
Retrieve-All Antigen Unmasking System 3: Acidic, 10X	IHC	SIG-31904-500	927801	500 mL
Retrieve-All Antigen Unmasking System 3: Acidic, 100X	IHC	SIG-31900-50	927601	50 mL
Tris-Buffered Saline 20X (1.0 M)	IHC	SIG-32391-500	925601	500 mL
Tris-Buffered Saline 20X (1.0 M) w/ Tween 20	IHC	SIG-32380-500	925501	500 mL
Ultra Streptavidin (USA) HRP Detection Kit (Multi-Species)	IHC	SIG-32252-kit	929601	150 tests
Ultra Streptavidin (USA) HRP Detection Kit (Multi-Species)	IHC	SIG-32254-kit	929701	500 tests
Ultra Streptavidin (USA) HRP Detection Kit (Multi-Species, AEC)	IHC	SIG-32248-kit	929401	50 tests
Ultra Streptavidin (USA) HRP Detection Kit (Multi-Species, AEC)	IHC	SIG-32255-kit	929801	1000 tests
Ultra Streptavidin (USA) HRP Detection Kit (Multi-Species, DAB)	IHC	SIG-32250-kit	929501	50 tests
Ultra Streptavidin (USA) HRP Detection Kit (Multi-Species, DAB)	IHC	SIG-32256-kit	929901	1000 tests
Ultra Streptavidin (USA) HRP Detection Kit (Murine)	IHC	SIG-32242-kit	929201	150 tests
Ultra Streptavidin (USA) HRP Detection Kit (Murine)	IHC	SIG-32246-kit	929202	500 tests
Ultra Streptavidin (USA) HRP Detection Kit (Murine, AEC)	IHC	SIG-32238-kit	929001	50 tests
Ultra Streptavidin (USA) HRP Detection Kit (Murine, DAB)	IHC	SIG-32240-kit	929101	50 tests
Ultra Streptavidin (USA) HRP Detection Kit (Rabbit, DAB)	IHC	SIG-32232-kit	928701	50 tests
Ultra Streptavidin (USA) HRP Detection Kit (Rabbit)	IHC	SIG-32234-kit	928801	150 tests
Ultra Streptavidin (USA) HRP Detection Kit (Rabbit)	IHC	SIG-32236-kit	928802	500 tests



## Antibodies, In Vitro Diagnostic (IVD) use in immunohistochemistry (IHC) test methods only.

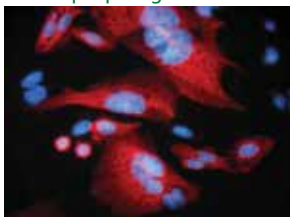
Specificity	Clone	Isotype	Reactivity	Format	Applications	Former Cat. No.	Cat. No.	Size
α-1-Antitrypsin	Poly29123	Rabbit Polyclonal	Hu	Purified	IHC	SIG-3251-1000	912301	1 mL
α-1-Fetoprotein	Poly29111	Rabbit Polyclonal	Hu, Pig, Sheep	Purified	IHC	SIG-3110-1000	911101	1 mL
Bcl-2 Oncoprotein	124	Mouse IgG	Hu	TCS	IHC	SIG-3352-26	913001	6 mL
BRST-1 (CU-18)	CU-18	Mouse IgG1	Hu	TCS	IHC	SIG-3610-1000   SIG-3610-16	915001   915002	1 mL   6 mL
BRST-3	B72.3	Mouse IgG1	Hu	Purified	IHC	SIG-3612-1000   SIG-3612-16 SIG-3612-26   SIG-3612-36	915201   915202 915203   915204	1 mL   6 mL 6 mL   6 mL
Calcitonin	Poly29118	Rabbit Polyclonal	Hu, Rat, Dog, NHP	Purified	IHC	SIG-3211-1000	911801	1 mL
Carcinoembryonic Antigen (CEA)	Poly29112	Rabbit Polyclonal	Hu	Purified	IHC	SIG-3112-1000   SIG-3112-16	911201   911202	1 mL   6 mL
CD10/CALLA	56C6	Mouse IgG1	Hu, Ms, Rat, Dog, NHP	TCS	IHC	SIG-3630-1000   SIG-3630-26	915901   915902	1 mL   6 mL
CD20 B Cell	L26	Mouse IgG2a	Hu, NHP	TCS	IHC	SIG-3324-1000   SIG-3324-26	912601   912602	1 mL   6 mL
CD30 Ki Antigen	Ber-H2	Mouse IgG1, κ	Hu	TCS	IHC	SIG-3325-1000   SIG-3325-26	912701   912702	1 mL   6 mL
CD43 T-Cell	MT-1	Mouse IgG1	Hu	TCS	IHC	SIG-3327-1000	923301	1 mL
CD99 (Ewing's Sarcoma Marker, MIC2)	O13	Mouse IgG1	Hu	Purified	IHC	SIG-3620-1000   SIG-3620-16 SIG-3620-26	915601   915602 915603	1 mL   6 mL 6 mL
Chromogranin A	LK2H10	Mouse IgG1, κ	Hu	Purified	IHC	SIG-3215-1000   SIG-3215-26	911901   911902	1 mL   6 mL
Pan-Cytokeratin (AE1/AE3)	AE-1/AE-3	Mouse IgG1	Hu	Purified	IHC	SIG-3464-1000   SIG-3464-26	914201   914202	1 mL   6 mL
Cytokeratin (AE-1)	AE-1	Mouse IgG1	Rat, Dog, Hu, NHP	Purified	IHC	SIG-3462-1000	914001	1 mL
Cytokeratin (AE-3)	AE-3	Mouse IgG1	Hu, Rat, Dog, NHP	Purified	IHC	SIG-3463-1000   SIG-3463-16 SIG-3463-26	914101   914102 914103	1 mL   6 mL 6 mL
Cytokeratin (OSCAR)	OSCAR	Mouse IgG2a	Hu, Dog, NHP	Purified	IHC	SIG-3465-1000   SIG-3465-16 SIG-3465-26	908201   908202 908203	1 mL   6 mL 6 mL
Cytokeratin-8	1E8	Mouse IgG2a	Hu, Ms, Dog, NHP	Purified	IHC	MMS-162P-250	904801	250 µL
Cytokeratin, HMW	34βE12	Mouse IgG1, κ	Hu	TCS	IHC	SIG-3725-26	916501	6 mL
D2-40 Lymphatic Endothelial Marker	D2-40	Mouse IgG1	Hu	Purified	IHC	SIG-3730-100   SIG-3730-1000 SIG-3730-16   SIG-3730-26	916601   916602 916603   916604	100 µL   1 mL   6 mL 6 mL
Epithelial Membrane Antigen (EMA)	E29	Mouse IgG2a	Hu	TCS	IHC	SIG-3113-1000   SIG-3113-16 SIG-3113-26   SIG-3113-36	911301   911302 911303   911304	1 mL   6 mL 6 mL   6 mL
Factor VIII Related Antigen	F8/86	Mouse IgG1, κ	Hu	TCS	IHC	SIG-3114-1000	911401	1 mL
Filaggrin	Poly19058	Rabbit Polyclonal	Hu, Ms, NHP	Purified	IHC	PRB-417P-100	905801	100 µL
GCDFP-15	D6	Mouse IgG2a	Hu	Purified	IHC	SIG-3611-1000   SIG-3611-16 SIG-3611-26   SIG-3611-36	915101   915102 915103   915104	1 mL   6 mL 6 mL   6 mL
Glial Fibrillary Acid Protein (GFAP)	Poly29145	Rabbit Polyclonal	Ms, Rat, Dog, Hu, NHP	Purified	IHC	SIG-3471-1000	914501	1 mL
Growth Hormone (GH)	Poly29120	Rabbit Polyclonal	Hu	Purified	IHC	SIG-3220-1000   SIG-3220-16	912001   912002	1 mL   6 mL
HMB-45	HMB-45	Mouse IgG1	Hu	Purified	IHC	SIG-3116-1000   SIG-3116-26	911501   911502	1 mL   6 mL
Immunoglobulin G (IgG)	Poly29131	Rabbit Polyclonal	Hu	Purified	IHC	SIG-3411-1000   SIG-3411-16	913101   913102	1 mL   6 mL



Antibodies, In Vitro Diagnostic (IVD) use in immunohistochemistry (IHC) test methods only.

Specificity	Clone	Isotype	Reactivity	Format	Applications	Former Cat. No.	Cat. No.	Size
Immunoglobulin M (IgM)	Poly29132	Rabbit Polyclonal	Hu, NHP, Dog	Purified	IHC	SIG-3414-1000   SIG-3414-16	913201   913202	1 mL   6 mL
Kappa	Poly29133	Rabbit Polyclonal	Hu	Purified	IHC	SIG-3416-1000   SIG-3416-16	913301   913302	1 mL   6 mL
Keratin 1	Poly19052	Rabbit Polyclonal	Hu	Purified	IHC	PRB-149P-100	905201	100 µL
Keratin 5	Poly19055	Rabbit Polyclonal	Hu, Ms, Rat, Dog, NHP	Purified	IHC	PRB-160P-100	905501	100 µL
	Poly9059	Chicken IgY	Hu, Ms	Purified	IHC	SIG-3475-100	905901	100 µL
Keratin 10	Poly19054	Rabbit Polyclonal	Ms, Hu, Dog, NHP	Purified	IHC	PRB-159P-100	905401	100 µL
Keratin 14	Poly19053	Rabbit Polyclonal	Hu, Ms, Rat, Dog, NHP	Purified	IHC	PRB-155P-100	905301	100 µL
	Poly9060	Chicken IgY	Hu	Purified	IHC	SIG-3476-100	906001	100 µL
Keratin 15	Poly18339	Chicken Polyclonal	Hu, Ms, NHP	Purified	IHC	PCK-153P-100	833901	100 µL
Lambda	Poly29134	Rabbit Polyclonal	Hu	Purified	IHC	SIG-3418-1000   SIG-3418-16	913401   913402	1 mL   6 mL
Leukocyte Common Antigen	2B11 & PD7/26/16	Mouse IgG1	Hu	TCS	IHC	SIG-3330-1000   SIG-3330-26	912801   912802	1 mL   6 mL
Loricrin	Poly19051	Rabbit Polyclonal	Hu, Ms	Purified	IHC	PRB-145P-100	905101	100 µL
Microphthalmia Transcription Factor (MITF)	D5/MITF	Mouse IgG1	Hu	Purified	IHC	SIG-3745-1000	916901	1 mL
Muscle Specific Actin	HHF35	Mouse IgG1	Ms, Rat, Dog, NHP	TCS	IHC	SIG-3461-1000   SIG-3461-16	913901   913902	1 mL   6 mL
Myoglobin	Poly29117	Rabbit Polyclonal	Hu, Ms, Rat, Dog, NHP	Purified	IHC	SIG-3120-1000	911701	1 mL
Neurofilament (2F11)	2F11	Mouse IgG1	Ms, Rat, Dog, Hu, NHP	TCS	IHC	SIG-3473-1000	914601	1 mL
Neuron Specific Enolase (NSE)	BBS/NC/VI-H14	Mouse IgG1	Hu, Dog, NHP	TCS	IHC	SIG-3256-1000   SIG-3256-26	826101   826102	1 mL   6 mL
p53 CM1	Poly29254	Rabbit Polyclonal	Hu	Serum	IHC	SIG-3520-1000	925401	1 mL
Parathyroid Hormone (PTH)	Poly29247	Rabbit Polyclonal	Hu, Rat, Dog	Serum	IHC	SIG-3224-1000   SIG-3224-26	924701   924702	1 mL   6 mL
Placental Alkaline Phosphatase (PLAP)	Poly29124	Rabbit Polyclonal	Hu	Purified	IHC	SIG-3258-1000   SIG-3258-26	912401   912402	1 mL   6 mL
S100	4C4.9	Mouse IgG2a	Hu, Rat, NHP	Purified	IHC	SIG-3118-26   SIG-3118-36	825901   825902	6 mL   6 mL
	Poly18260	Rabbit Polyclonal	Hu, Rat, NHP	Purified	IHC	SIG-3119-1000   SIG-3119-16 SIG-3119-26	826001   826002 826003	1 mL   6 mL 6 mL
Serotonin	Poly28420	Rabbit Polyclonal	Hu, Rat, Dog, NHP	Serum	IHC	SIG-3226-1000	842001	1 mL

HA.11 Epitope Tag



ICC staining of HA.11 (clone 16B12) Alexa Fluor(R) 594 on overexpressing HA cell line.

Cytokeratin



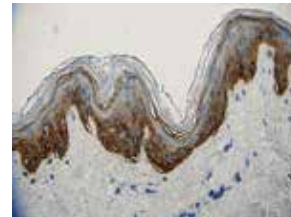
IHC staining of Cytokeratin (clone OSCAR) on formalin-fixed, paraffin-embedded human bladder tissue.

Keratin 5



Anti-Keratin 5 antibody (Poly19055) showing strong cytoplasmic staining of the basal cells of normal human skin epidermis.

Keratin 14



Strong cytoplasmic staining of the epidermis in normal human skin tissue detected with anti-Keratin 14, Poly19053.

## Antibodies, In Vitro Diagnostic (IVD) use in immunohistochemistry (IHC) test methods only.

Specificity	Clone	Isotype	Reactivity	Format	Applications	Former Cat. No.	Cat. No.	Size
Somatostatin	Poly29253	Rabbit Polyclonal	Hu, Ms, NHP	Serum	IHC	SIG-3227-1000   SIG-3227-26	925301   925302	1 mL   6 mL
Synaptophysin (SY38)	SY38	Mouse IgG1	Hu, Ms, Dog	Purified	IHC	SIG-3260-100	826201	100 µL
Synaptophysin (SYP)	Poly18263	Rabbit Polyclonal	Hu	Purified	IHC	SIG-3261-1000   SIG-3261-26	826301   826302	1 mL   6 mL
Thyroglobulin	Poly29121	Rabbit Polyclonal	Hu, Rat, Dog, NHP	Purified	IHC	SIG-3228-1000   SIG-3228-16	912101   912102	1 mL   6 mL
Thyroid Stimulating Hormone (TSH)	Poly29122	Rabbit Polyclonal	Hu	Purified	IHC	SIG-3230-1000   SIG-3230-26	912201   912202	1 mL   6 mL
Vimentin (V9)	V9	Mouse IgG1, κ	Hu, Rat, Dog, NHP, Rab, Ham, Bov, Hs	TCS	IHC	SIG-3474-1000   SIG-3474-26	914701   914702	1 mL   6 mL

## Ancillary Reagents, In Vitro Diagnostic (IVD) use in immunohistochemistry (IHC) test methods only.

Specificity	Applications	Former Cat. No.	Cat. No.	Size
AEC Chromogen System, 300 Tests	IHC	SIG-31024-kit	925701	1 kit
AEC Chromogen System, 1000 Tests	IHC	SIG-31026-kit	925702	1 kit
AEC Chromogen Concentrate	IHC	SIG-31022-1000	925801	1 mL
AEC Substrate Buffer	IHC	SIG-31030-100	925901	2 x 50 mL
DAB Chromogen Concentrate	IHC	SIG-31041-4   SIG-31043-6   SIG-31043-10 SIG-31043-100	926501   926502   926503 926504	4 mL   6 mL   10 mL 100 mL
DAB Chromogen System, 300 Test	IHC	SIG-31040-kit	926401	1 kit
DAB Chromogen System, 1000 Test	IHC	SIG-31042-kit	926402	1 kit
DAB Substrate Buffer	IHC	SIG-31044-15	926601	15 mL
DAB Substrate Buffer	IHC	SIG-31045-100   SIG-31045-250 SIG-31045-1	926602   926603 926604	2 x 50 mL   250 mL 1 L
FAST RED Substrate Buffer	IHC	SIG-31076-100	927201	2 x 50 mL
FAST RED Chromogen	IHC	SIG-31073-20	927101	20 tabs
FAST RED Chromogen System	IHC	SIG-31070-kit	927001	300 tests
FAST RED Chromogen System	IHC	SIG-31072-kit	927002	1000 tests
PAMM (Permanent Aqueous Mounting Medium)	IHC	SIG-31010-5	926101	5 mL
PAMM (Permanent Aqueous Mounting Medium)	IHC	SIG-31012-15	926102	15 mL
Sodium Citrate H.I.E.R., 1x	IHC	SIG-31932-500	928501	500 mL
Sodium Citrate H.I.E.R., 10x	IHC	SIG-31934-500	928601	500 mL