

Anti-Iba1 Mouse mAb

GB12105 100 µL -20°C

Product Information

Description	Iba1 mouse monoclonal antibody
Protein full name	Allograft inflammatory factor 1
Synonyms	AIF1, AIF-1, IBA, IRT-1, IRT1, allograft
Immunogen	Recombinant protein corresponding to Mouse Iba1
Isotype	IgG
Purity	Affinity purification
Subcellular location	Cytoskeleton, Ruffle membrane, Phagocytic cup
Uniprot ID	O70200, P55008, P55009

Applications

Applications	Species	Dilution	Positive Sample
IHC/IF	Mouse, Rat	1:500-1:4000	brain

Background

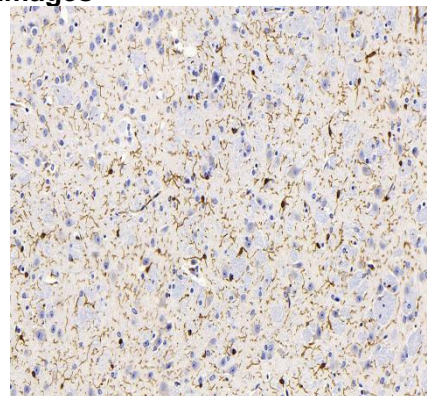
Actin-binding protein that enhances membrane ruffling and RAC activation. Enhances the actin-bundling activity of LCP1. Binds calcium. Plays a role in RAC signaling and in phagocytosis. May play a role in macrophage activation and function. Promotes the proliferation of vascular smooth muscle cells and of T-lymphocytes. Enhances lymphocyte migration. Plays a role in vascular inflammation.

Storage

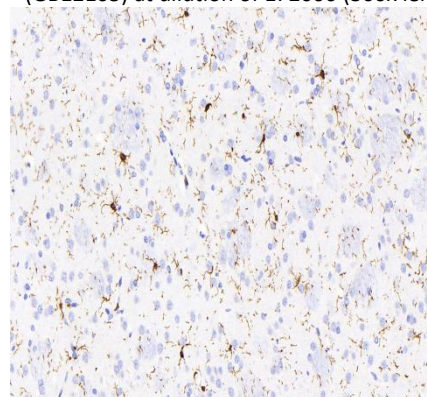
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Storage Buffer	PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

NOTE: 1. This product is intended for research only.
2. This product is recommended to dilute with the Primary Antibody Dilution Buffer. (G2025)

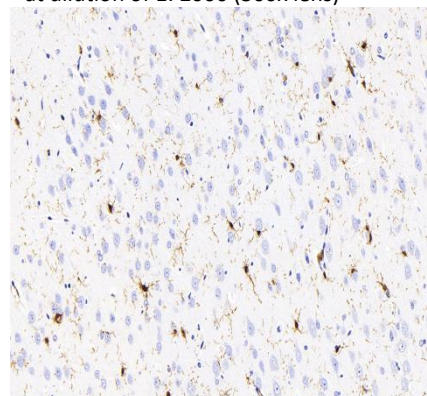
Images



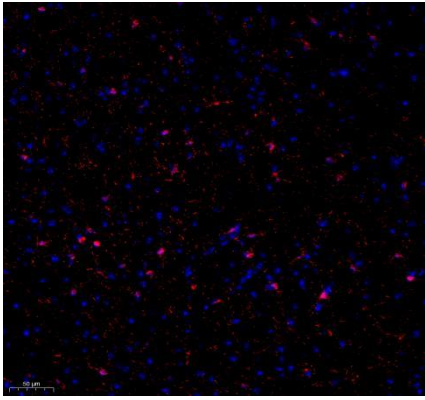
Immunohistochemistry of paraffin embedded mouse brain using IBA-1 (GB12105) at dilution of 1: 2000 (300x lens)



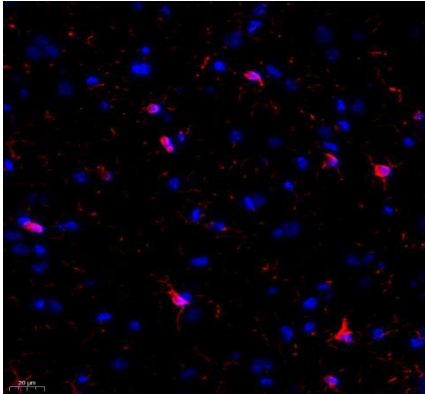
Immunohistochemistry of paraffin embedded rat brain using IBA-1 (GB12105) at dilution of 1: 2000 (300x lens)



Immunohistochemistry of paraffin embedded rat brain using IBA-1 (GB12105) at dilution of 1: 2000 (300x lens)



Immunofluorescence of paraffin embedded mouse brain using IBA-1 (GB12105) at dilution of 1: 1000 (200x lens)



Immunofluorescence of paraffin embedded rat brain using IBA-1 (GB12105) at dilution of 1: 1000 (400x lens)