AIF1 / Iba1 (Microglia Marker) Antibody

Mouse Monoclonal Antibody [Clone AIF1/14052]

Catalog No	Format	Size
199-MSM7-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
199-MSM7-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
199-MSM7-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

Product Details

Clone	AIF1/14052
Immunogen	Recombinant fragment (around aa 1-147) of human AIF1 protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1
Mol. Weight of Antigen	16.7kDa
Cellular Localization	Cell projection, Cytoplasm, Cytoskeleton, Phagocytic cup, Ruffle membrane
Species Reactivity	Human
Positive Control	Detected in T-lymphocytes and peripheral blood mononuclear cells

**Optimal dilution for a specific application should be determined.*

Product Images for AIF1 / Iba1 (Microglia Marker) Antibody

Specificity & Comments

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.

Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.