



Iba1 Monoclonal Antibody

Catalog No	YP-mAb-07027
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	AIF1 G1 IBA1
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	AIF1 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	AIF1;AIF 1;AIF-1;allograft inflammatory factor 1;G1;AIF1 G1 IBA1;Allograft inflammatory factor 1 (AIF-1) (Ionized calcium-binding adapter molecule 1) (Protein G1)
Observed Band	16kD
Calculated Molecular Weight	16kD
Cell Pathway	Cytoplasm, cytoskeleton . Cell projection, ruffle membrane ; Peripheral membrane protein ; Cytoplasmic side . Cell projection, phagocytic cup . Associated with the actin cytoskeleton at membrane ruffles and at sites of phagocytosis. .
Tissue Specificity	Detected in T-lymphocytes and peripheral blood mononuclear cells.
Function	function:May play a role in macrophage activation and function., PTM:Phosphorylated on serine residues.,similarity:Contains 2 EF-hand domains.,
Background	This gene encodes a protein that binds actin and calcium. This gene is induced by cytokines and interferon and may promote macrophage activation and growth of vascular smooth muscle cells and T-lymphocytes. Polymorphisms in this gene may be associated with systemic sclerosis. Alternative splicing results in multiple



transcript variants, but the full-length and coding nature of some of these variants is not certain. [provided by RefSeq, Jan 2016],

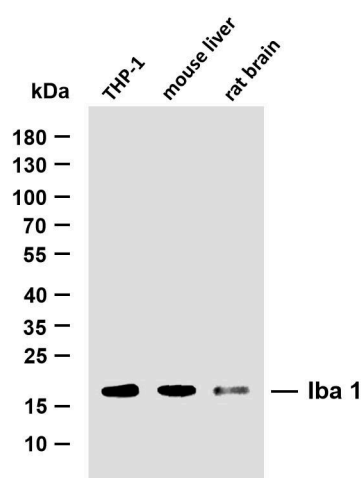
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from U2OS cells, primary antibody was diluted at 1:1000, 4° over night