Iba1 Conjugated Antibody

Catalog No: #C49668

Package Size: #C49668-AF350 100ul #C49668-AF405 100ul #C49668-AF488 100ul #C49668-AF555 100ul #C49668-AF594 100ul #C49668-AF647 100ul #C49668-AF680 100ul #C49668-AF750 100ul #C49668-Biotin 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	Iba1 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Clone No.	JM36-62
Purification	ProA affinity purified
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Recombinant protein
Other Names	AIF 1 antibody AIF-1 antibody Aif1 antibody AIF1 protein antibody AIF1_HUMAN antibody Allograft inflammatory factor 1 antibody Allograft inflammatory factor 1 splice variant G antibody allograft inflammatory factor-1 splice variant Hara-1 antibody balloon angioplasty responsive transcription antibody BART 1 antibody G1 antibody G1 putative splice variant of allograft inflamatory factor 1 antibody IBA 1 antibody IBA1 antibody interferon gamma responsive transcript antibody Interferon responsive transcript 1 antibody interferon responsive transcript factor 1 antibody Ionized calcium binding adapter molecule 1 antibody Ionized calcium-binding adapter molecule 1 antibody ionized calcium-binding adapter molecule antibody IRT 1 antibody IRT1 antibody Microglia response factor antibody MRF1 antibody Protein g1 antibody
Accession No.	Swiss-Prot#:P55008
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	17 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

Application Details

IHC: 1:100-1:500 ICC/IF: 1:50-1:100 IP: 1:10-1:50 FC: 1:50-1:200

Background

Ionized calcium-binding adapter molecule 1 (Iba1), also known as allograft inflammatory factor-1 (AIF-1), is a 147 amino acid cytoplasmic, calcium-binding protein that is thought to play a role in macrophage activation and function. Iba1, containing two EF domains, is induced by cytokines and interferons. In an unstimulated state, Iba1 colocalizes with actin, and upon stimulation, translocates to lamellipodia. It is also a marker of human microglia and is expressed by macrophages in injured skeletal muscle. The gene encoding Iba1 maps to chromosome 6p21.33 and resides in the tumor necrosis factor (TNF) cluster of genes located in the region represented by the human major histocompatibility complex (MHC).

References

Note: This product is for in vitro research use only