

Iba1 Rabbit mAb

Catalog No: #49668



Package Size: #49668-1 50ul #49668-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	Iba1 Rabbit mAb
Clone No.	JM36-62
Purification	ProA affinity purified
Applications	WB, ICC,IF, IHC, FC, IP
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 inflammatory 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
Uniprot	P55008
GeneID	199;
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

WB: 1:500-1:1,000

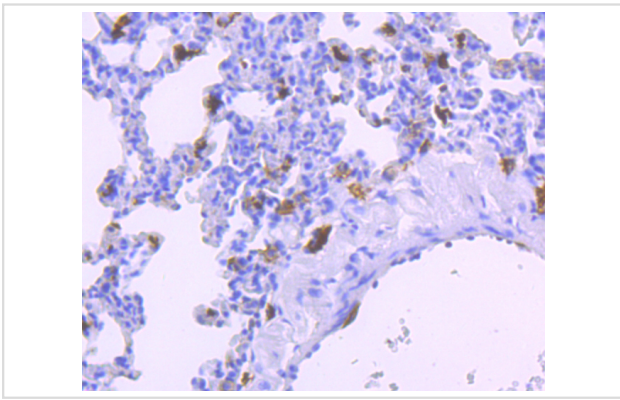
IHC: 1:100-1:500

ICC/IF: 1:50-1:100

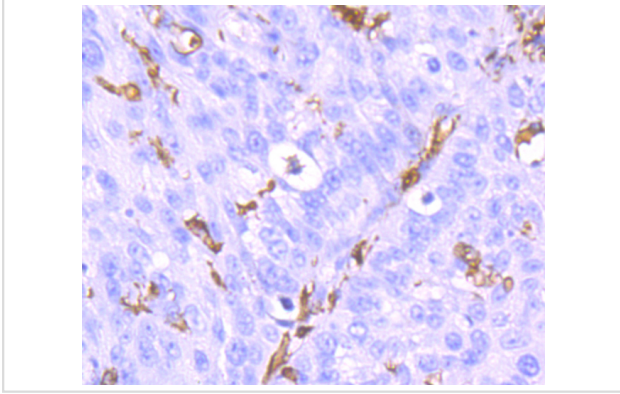
IP: 1:10-1:50

FC: 1:50-1:200

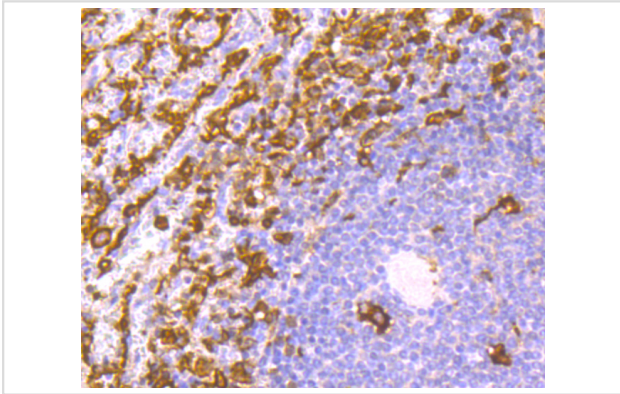
Images



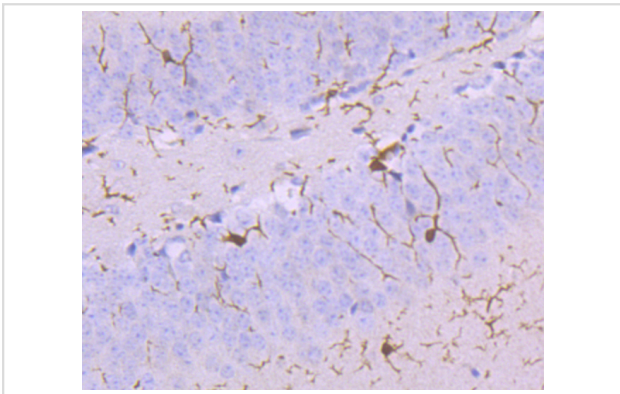
Immunohistochemical analysis of paraffin-embedded rat lung tissue using anti-Iba1 antibody. Counter stained with hematoxylin.



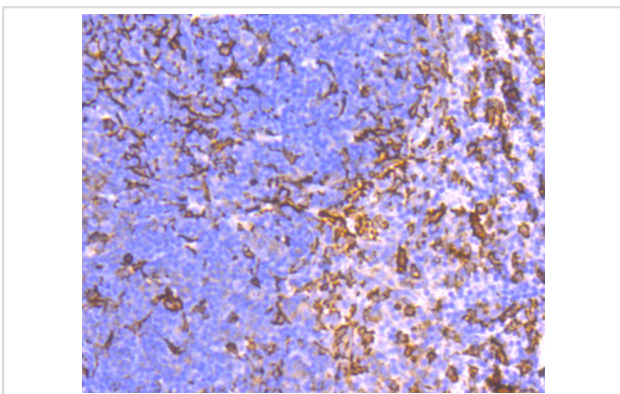
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue using anti-Iba1 antibody. Counter stained with hematoxylin.



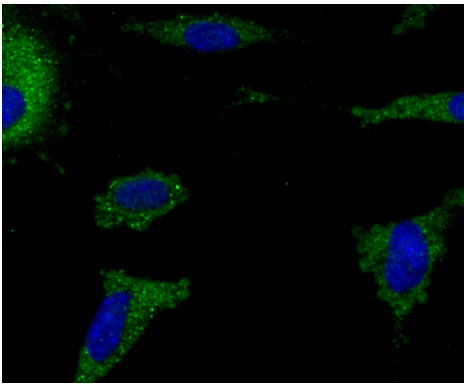
Immunohistochemical analysis of paraffin-embedded human spleen tissue using anti-Iba1 antibody. Counter stained with hematoxylin.



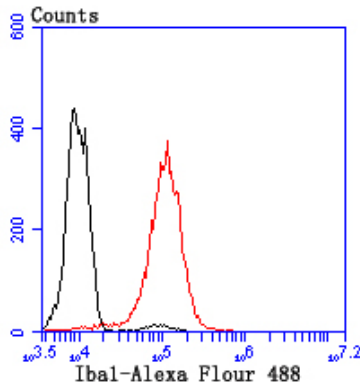
Immunohistochemical analysis of paraffin-embedded mouse brain tissue using anti-Iba1 antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded mouse spleen tissue using anti-Iba1 antibody. Counter stained with hematoxylin.



ICC staining Iba1 in SH-SY5Y cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Flow cytometric analysis of THP-1 cells with Iba1 antibody at 1/100 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black).

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).

Note: This product is for in vitro research use only