

A22457

Leader in Biomolecular Solutions for Life Science



AIF1/IBA1 Rabbit mAb

Catalog No.: A22457

Recombinant

Basic Information

Observed MW

Refer to figures

Calculated MW

17kDa

Category

SMab Recombinant Monoclonal
Antibody

Applications

IHC-P,IF/ICC,ELISA,IF-P

Cross-Reactivity

Human,Mouse,Rat

CloneNo number

ARC51834

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.

Recommended Dilutions

IF/ICC 1:50 - 1:200

IF-P 1:50 - 1:200

IHC-P 1:500 - 1:1000

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

199

Swiss Prot

P55008

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

IBA1; IRT1; AIF-1; IRT-1; AIF1/IBA1

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

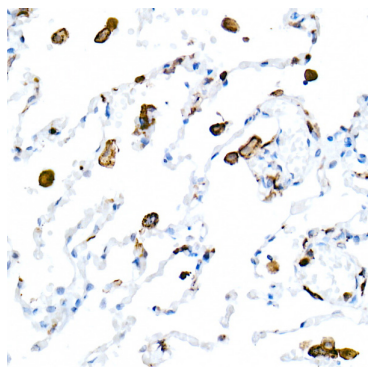
Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.

Contact

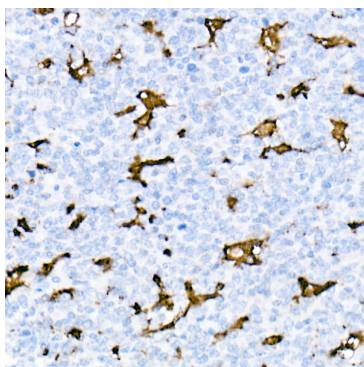


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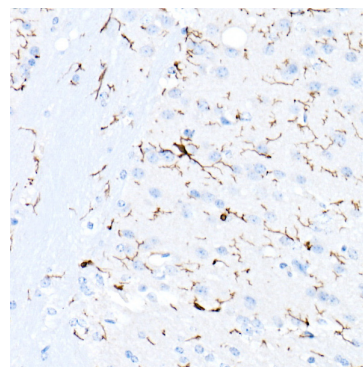
Validation Data



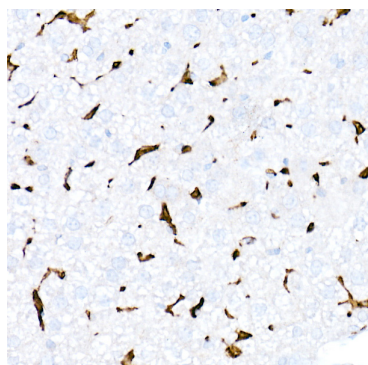
Immunohistochemistry analysis of paraffin-embedded Human lung using AIF1/IBA1 Rabbit mAb (A22457) at dilution of 1:1000 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



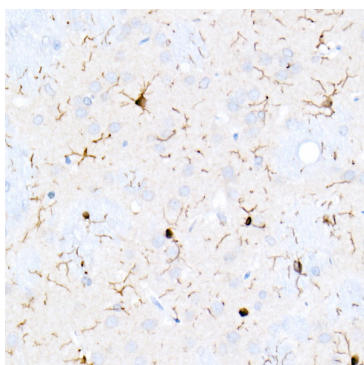
Immunohistochemistry analysis of paraffin-embedded Human tonsil using AIF1/IBA1 Rabbit mAb (A22457) at dilution of 1:1000 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



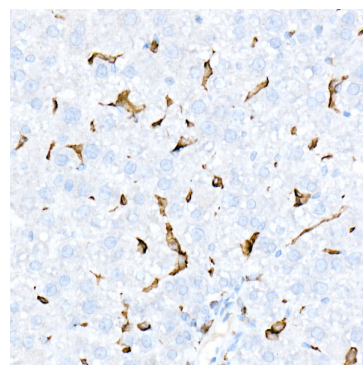
Immunohistochemistry analysis of paraffin-embedded Mouse brain using AIF1/IBA1 Rabbit mAb (A22457) at dilution of 1:1000 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



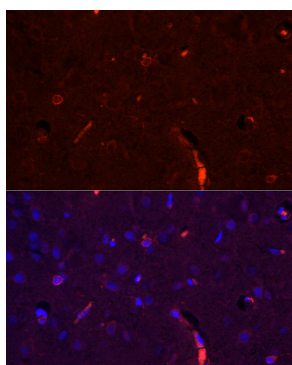
Immunohistochemistry analysis of paraffin-embedded Mouse liver using AIF1/IBA1 Rabbit mAb (A22457) at dilution of 1:1000 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



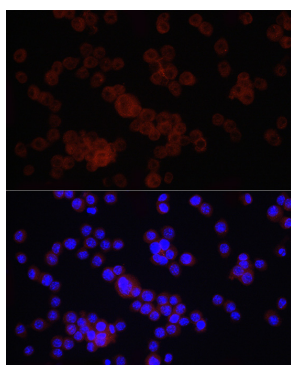
Immunohistochemistry analysis of paraffin-embedded Rat brain using AIF1/IBA1 Rabbit mAb (A22457) at dilution of 1:1000 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat liver using AIF1/IBA1 Rabbit mAb (A22457) at dilution of 1:1000 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunofluorescence analysis of paraffin-embedded rat brain using AIF1/IBA1 Rabbit mAb (A22457) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of RAW264.7 cells using AIF1/IBA1 Rabbit mAb (A22457) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.

Validation Data

nuclear staining.