

AIF1/IBA1 Mouse mAb

Catalog No.: A28651

Basic Information

Observed MW

Calculated MW

17 kDa

Category

Primary antibody

Applications

WB,IF-F,IF-P,IHC-P,ELISA

Cross-Reactivity

Monkey

CloneNo number

AMC50121-01

Background

Enables actin filament binding activity and calcium ion binding activity. Involved in several processes, including Rac protein signal transduction; actin filament organization; and ruffle assembly. Acts upstream of or within actin filament bundle assembly. Located in several cellular components, including actin filament; phagocytic cup; and ruffle membrane. Is expressed in adrenal cortex; central nervous system; embryo mesenchyme; and retina. Human ortholog(s) of this gene implicated in type 1 diabetes mellitus. Orthologous to human AIF1 (allograft inflammatory factor 1).

Recommended Dilutions

WB	1:1000 - 1:3000
IF-F	1:100 - 1:400
IF-P	1:100 - 1:400
IHC-P	1:10000 - 1:50000
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Contact

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Immunogen Information

Gene ID

11629

Swiss Prot

O70200

Immunogen

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

Synonyms

G1; Iba1; AIF-1; D17H6S50E

Product Information

Source

Mouse

Isotype

IgG1. Rabbit-derived mouse chimeric antibody

Purification

Affinity purification

Storage

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

Buffer: PBS with 0.09% Sodium azide, 0.05% BSA, 50% glycerol, pH7.3.