

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.

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

Contact

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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.