

Anti-Monkey AIF1/IBA1 mAb

Catalog No.: A28653

Basic Information

Observed MW

Calculated MW

17 kDa

Category

Primary antibody

Applications

IHC-P, mIHC

Cross-Reactivity

Cynomolgus monkey

CloneNo number

ARC5230-01

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

IHC-P 1:10000 - 1:40000

mIHC 1:10000 - 1:40000

Immunogen Information

Gene ID

102132908

Swiss Prot

G7P4P6

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

G1; Iba1; AIF-1; D17H6S50E; AIF1/IBA1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

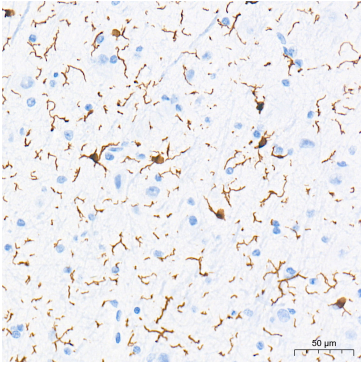
Affinity purification

Storage

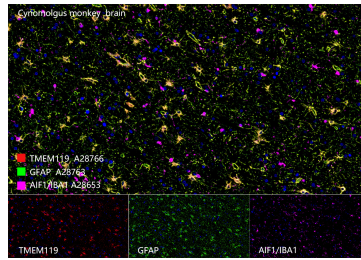
Store at -20°C. Avoid freeze / thaw cycles.

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

Validation Data



Immunohistochemistry analysis of paraffin-embedded Cynomolgus monkey brain tissue using Anti-Monkey AIF1/IBA1 mAb (A28653) at a dilution of 1:20000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



The multiplex IHC analysis on paraffin-embedded Cynomolgus monkey brain tissue using the following specific primary antibodies and tyramide signal amplification (TSA) reagents (RK05903) : Anti-Monkey GFAP mAb (A28763, 1:500) with TSA-TYR-520 (Green), and Anti-Monkey TMEM119 mAb (A28766, 1:5000) with TSA-TYR-570 (Red), and Anti-Monkey AIF1/IBA1 mAb (A28653, 1:20000) with TSA-TYR-690 (Magenta). DAPI (Blue) was used for nuclear staining. Prior to multiplex IHC staining, high-pressure antigen retrieval was performed using 0.01M citrate buffer at pH 6.0. The analysis was completed using a 40x objective lens.