

Note: Centrifuge before opening to ensure complete recovery of vial contents.

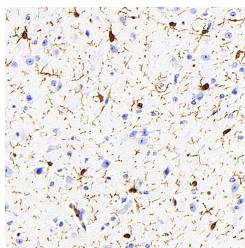
Description

| | |
|---------------------|--|
| Reactivity | Mouse,Rat |
| Immunogen | Recombinant protein corresponding to Mouse IBA-1 |
| Host | Mouse |
| Isotype | IgG |
| Clone | 5G4E7 |
| Purification | Affinity purification |
| Conjugation | Unconjugated |
| Formulation | PBS with 0.02% sodium azide, 1% protective protein and 50% glycerol, pH7.4 |

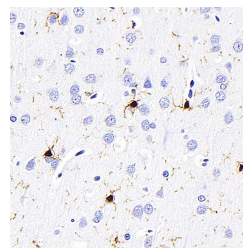
Applications Recommended Dilution

| | |
|------------|-------------|
| IHC | 1:200-1:800 |
|------------|-------------|

Data



Immunohistochemistry analysis of paraffin-embedded mouse brain using AIF1 Monoclonal Antibody at dilution of 1:400.



Immunohistochemistry analysis of paraffin-embedded Rat brain using AIF1 Monoclonal Antibody at dilution of 1:300.

Preparation & Storage

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

Background

This gene is induced by cytokines and interferon. Its protein product is thought to be involved in negative regulation of growth of vascular smooth muscle cells, which contributes to the anti-inflammatory response to vessel wall trauma. Three transcript variants encoding different isoforms have been found for this gene. Actin-binding protein that enhances membrane ruffling and RAC activation. Enhances the actin-bundling activity of LCP1. Binds calcium. Plays a role in RAC signaling and in phagocytosis. May play a role in macrophage activation and function. Promotes the proliferation of vascular smooth muscle cells and of T-lymphocytes. Enhances lymphocyte migration. Plays a role in vascular inflammation.

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