# Recombinant IBA1/AIF1 Monoclonal Antibody

**catalog number: AN300449P**

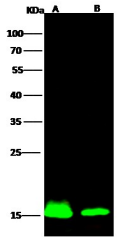
**Note:** *Centrifuge before opening to ensure complete recovery of vial contents.*

## Description

| | |
|---|---|
| **Reactivity** | Human |
| **Immunogen** | Recombinant Human IBA1/AIF1 Protein |
| **Host** | Rabbit |
| **Isotype** | IgG |
| **Clone** | B375 |
| **Purification** | Protein A |
| **Buffer** | 0.2 μm filtered solution in PBS |

| Applications | Recommended Dilution |
|---|---|
| **WB** | 1:500-1:2000 |
| **IP** | 1-4 μL/mg of lysate |

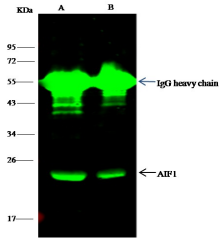
## Data




Western Blot with AIF1 Monoclonal Antibody at dilution of 1:500 dilution. Lane A: THP-1 Whole Cell Lysate, Lane B: HL-60 Whole Cell Lysate, Lysates/proteins at 30 μg per lane.

**Observed-MW:15 kDa**

**Calculated-MW:17 kDa**




Immunoprecipitation analysis using 2 μL anti-AIF1 Monoclonal Antibody and 15 μl of 50 % Protein G agarose. Western blot was performed from the immunoprecipitate using AIF1 Monoclonal Antibody at a dilution of 1:100. Lane A:0.5 mg HepG2 Whole Cell Lysate, Lane B:0.5 mg THP-1 Whole Cell Lysate

**Observed-MW:15 kDa**

**Calculated-MW:17 kDa**

## Preparation & Storage

| | |
|---|---|
| **Storage** | This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles. |
| **Shipping** | Ice bag |

## Background

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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