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# AIF1 Antibody (monoclonal) (M01)

**Mouse monoclonal antibody raised against a full length recombinant AIF1.**
**Catalog # AT1077a**

## Specification

### AIF1 Antibody (monoclonal) (M01) - Product Information

| | |
|---|---|
| Application | **WB, E** |
| Primary Accession | P55008 |
| Other Accession | BC009474 |
| Reactivity | **Human** |
| Host | **mouse** |
| Clonality | **Monoclonal** |
| Isotype | **IgG1 kappa** |
| Calculated MW | **16703** |

### AIF1 Antibody (monoclonal) (M01) - Additional Information

**Gene ID** 199

**Other Names**
Allograft inflammatory factor 1, AIF-1, Ionized calcium-binding adapter molecule 1, Protein G1, AIF1, G1, IBA1

**Target/Specificity**
AIF1 (AAH09474.1, 1 a.a. ~ 147 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Dilution**
WB~~1:500~1000

**Format**
Clear, colorless solution in phosphate buffered saline, pH 7.2 .

**Storage**
Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**Precautions**
AIF1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

### AIF1 Antibody (monoclonal) (M01) - Protocols

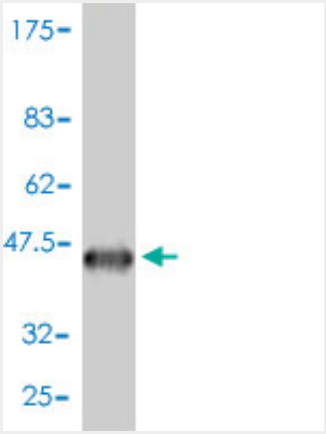
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot

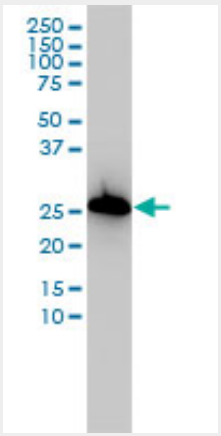
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- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

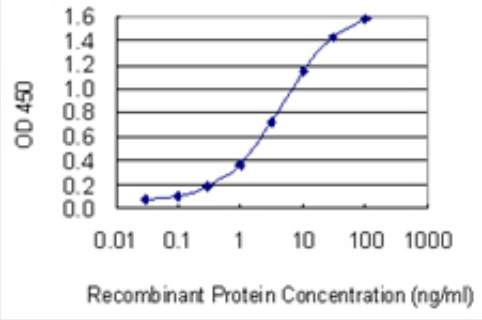
**AIF1 Antibody (monoclonal) (M01) - Images**




Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (41.91 KDa) .




AIF1 monoclonal antibody (M01), clone 2A2-B6 Western Blot analysis of AIF1 expression in K-562 ( (Cat # AT1077a )




Detection limit for recombinant GST tagged AIF1 is 0.03 ng/ml as a capture antibody.

**AIF1 Antibody (monoclonal) (M01) - 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.

**AIF1 Antibody (monoclonal) (M01) - References**

1.Allograft inflammatory factor-1/Ionized calcium-binding adapter molecule 1 is specifically expressed by most subpopulations of macrophages and spermatids in testis.Kohler C.Cell Tissue Res. 2007 Nov;330(2):291-302. Epub 2007 Sep 13.