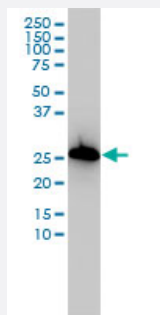


# AIF1 monoclonal antibody (M01), clone 2A2-B6

Catalog # H00000199-M01

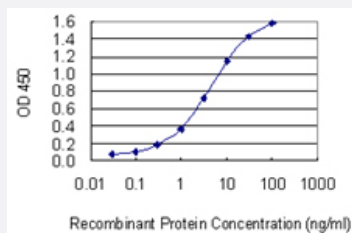
Size 100 ug

## Applications



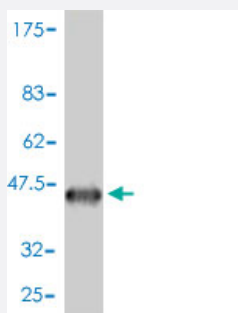
### Western Blot (Cell lysate)

AIF1 monoclonal antibody (M01), clone 2A2-B6 Western Blot analysis of AIF1 expression in K-562 ( Cat # L009V1 ).



### Sandwich ELISA (Recombinant protein)

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



Western Blot detection against Immunogen (41.91 KDa) .

## Specification

### Product Description

Mouse monoclonal antibody raised against a full length recombinant AIF1.

|                                      |                                                                                                                                                             |
|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Immunogen</b>                     | 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.                                        |
| <b>Sequence</b>                      | MSQTRDLQGGKAFGLLKAQQEERLDEINKQFLDDPKYSSDEDLPSKLEGFKEKYMEFDLNGNG<br>DIDIMSLKRMLEKLGVPKTHLELKKLIGEVSSGSGETFSYPDFLRMMLGKRSAILKVILMYEEKARE<br>KEKPTGPPAKKAISELP |
| <b>Host</b>                          | Mouse                                                                                                                                                       |
| <b>Reactivity</b>                    | Human                                                                                                                                                       |
| <b>Interspecies Antigen Sequence</b> | Mouse (88); Rat (89)                                                                                                                                        |
| <b>Isotype</b>                       | IgG1 kappa                                                                                                                                                  |
| <b>Quality Control Testing</b>       | Antibody Reactive Against Recombinant Protein.<br>Western Blot detection against Immunogen (41.91 KDa) .                                                    |
| <b>Storage Buffer</b>                | In 1x PBS, pH 7.4                                                                                                                                           |
| <b>Storage Instruction</b>           | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.                                                                                    |

## Applications

- Western Blot (Cell lysate)

AIF1 monoclonal antibody (M01), clone 2A2-B6 Western Blot analysis of AIF1 expression in K-562 ( Cat # L009V1 ).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

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

[Protocol Download](#)

- ELISA

## Gene Info — AIF1

Entrez GeneID

[199](#)

|                     |                                                                                                                                                                                                                                                                                                                                                        |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| GeneBank Accession# | <a href="#">BC009474</a>                                                                                                                                                                                                                                                                                                                               |
| Protein Accession#  | <a href="#">AAH09474.1</a>                                                                                                                                                                                                                                                                                                                             |
| Gene Name           | AIF1                                                                                                                                                                                                                                                                                                                                                   |
| Gene Alias          | AIF-1, IBA1, IRT-1                                                                                                                                                                                                                                                                                                                                     |
| Gene Description    | allograft inflammatory factor 1                                                                                                                                                                                                                                                                                                                        |
| Omim ID             | <a href="#">601833</a>                                                                                                                                                                                                                                                                                                                                 |
| Gene Ontology       | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                                                              |
| Gene Summary        | 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. [provided by RefSeq] |
| Other Designations  | OTTHUMP00000029354 OTTHUMP00000029356 interferon gamma responsive transcript ionized calcium-binding adapter molecule                                                                                                                                                                                                                                  |

## Publication Reference

- [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 and Tissue Research 2007 Sep; 330(2):291.

## Disease

- [Abortion](#)
- [Alzheimer disease](#)
- [Arthritis](#)
- [Autoimmune Diseases](#)
- [Cerebral Amyloid Angiopathy](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)

- [Lupus Erythematosus](#)
- [Malaria](#)
- [Neuroblastoma](#)
- [Osteoarthritis](#)
- [Scleroderma](#)