

## Mouse GOLM1 Monoclonal Antibody | anti-GOLM1 antibody

GOLM1 antibody

|                               |                      |                                                                                                                 |
|-------------------------------|----------------------|-----------------------------------------------------------------------------------------------------------------|
| CATALOG #<br><b>AAA108145</b> | HOST<br><b>Mouse</b> | APPLICATIONS<br><b>Western Blot, Immunohistochemistry, Flow Cytometry, Functional Assay, Immunofluorescence</b> |
|-------------------------------|----------------------|-----------------------------------------------------------------------------------------------------------------|

### PRODUCT SYNONYMS

GOLM1; Monoclonal Antibody; GOLM1 antibody; Monoclonal GOLM1; Anti-GOLM1; ; GOLM 1; GOLM-1; anti-GOLM1 antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Clonality                                       | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Isotype                                         | IgG1                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Clone Number                                    | 4B12                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Purity/Purification                             | GOLM1 antibody was purified by affinity chromatography.                                                                                                                                                                                                                                                                                                                                                                                            |
| Form/Format                                     | Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.                                                                                                                                                                                                                                                                                                                                                            |
| Concentration                                   | 0.5-1 mg/ml (varies by lot)                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Sequence Length                                 | 400                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Applicable Applications for anti-GOLM1 antibody | WB (Western Blot), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry), IF (Immunofluorescence)                                                                                                                                                                                                                                                                                                                                                  |
| Biological Significance                         | The Golgi complex plays a key role in the sorting and modification of proteins exported from the endoplasmic reticulum. The protein encoded by this gene is a type II Golgi transmembrane protein. It processes proteins synthesized in the rough endoplasmic reticulum and assists in the transport of protein cargo through the Golgi apparatus. The expression of this gene has been observed to be upregulated in response to viral infection. |
| Cross-Reactivity                                | Human, Monkey                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Immunogen                                       | GOLM1 antibody was raised in Mouse using full length human recombinant protein of human GOLM1 produced in HEK293T cell as the immunogen.                                                                                                                                                                                                                                                                                                           |
| Preparation and Storage                         | Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.                                                                                                                                                                                                                                                                                                            |

### IMAGES



#### IF (Immunofluorescence)

Immunofluorescent staining of COS7 cells transiently transfected with recombinant GOLM1 protein using GOLM1 antibody



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of GOLM1 protein in paraffin embedded Human Kidney tissue using GOLM1 antibody



#### WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant GOLM1 protein (Right) or empty vector (Left) detected with GOLM1 antibody



#### FCM/FACS (Flow Cytometry)

Flow Cytometric analysis of HeLa cells using GOLM1 antibody (Red), compared to a nonspecific negative control antibody (Blue).

## ADDITIONAL INFORMATION

|                                                     |                                                            |
|-----------------------------------------------------|------------------------------------------------------------|
| Related Product Information for anti-GOLM1 antibody | Mouse monoclonal GOLM1 antibody                            |
| Product Categories/Family for anti-GOLM1 antibody   | <a href="#">Protein Modification &amp; Stress Response</a> |

## NCBI AND UNIPROT INFORMATION

|                         |                           |
|-------------------------|---------------------------|
| NCBI GI #               | <a href="#">649133136</a> |
| NCBI Official Full Name | GOLM1, partial            |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/golm1-antibody-clone-4b12-western-blot-immunohistochemistry-flow-cytometry-immunofluorescence-elisa/108145>