

## Mouse anti-Human Mitofilin Monoclonal Antibody | anti-IMMT antibody

Mitofilin Mouse mAb

| CATALOG # | HOST  | REACTIVITY | APPLICATIONS                                                        |
|-----------|-------|------------|---------------------------------------------------------------------|
| AAA62310  | Mouse | Human      | Flow Cytometry, Functional Assay, Immunoprecipitation, Western Blot |

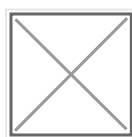
### PRODUCT SYNONYMS

Mitofilin; Monoclonal Antibody; Mitofilin Mouse mAb; Cell proliferation-inducing gene 4/52 protein; cell proliferation-inducing protein 52; immt {ECO:0000312|EMBL:AAI05842.1; ECO:0000312|RGD:1310684}; inner membrane protein; mitochondrial (mitofilin); MICOS complex subunit MIC60; Mitochondria-associated protein; mitochondrial inner membrane organizing system 2; Mitochondrial inner membrane protein; mitochondrial inner membrane protein {ECO:0000250|UniProtKB:Q8CAQ8; ECO:0000312|EMBL:AAI05842.1}; mitofilin {ECO:0000250|UniProtKB:Q8CAQ8}; motor protein; p87/89; proliferation-inducing gene 4; 1700082C19Rik; D830041H16Rik; HMP; IMMT; MIC60; MINOS2; P87; P87/89; P89; PIG4; PIG52; anti-IMMT antibody

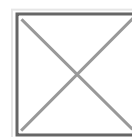
### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                     |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Mouse                                                                                                                                               |
| Reactivity                                     | Human                                                                                                                                               |
| Clonality                                      | Monoclonal                                                                                                                                          |
| Isotype                                        | IgG                                                                                                                                                 |
| Sequence Length                                | 757                                                                                                                                                 |
| Applicable Applications for anti-IMMT antibody | FCM/FACS (Flow Cytometry), IP (Immunoprecipitation), WB (Western Blot)                                                                              |
| Source Note                                    | This monoclonal antibody is produced by immunizing mice with a sythetic peptide(KLH coupled)corresponding to amino-terminal residues of human MIC60 |
| Preparation and Storage                        | Store at -20 degree C. Stable for one year from the date of shipment.                                                                               |

### IMAGES



FCM/FACS (Flow Cytometry)



IP (Immunoprecipitation)



WB (Western Blot)

### ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                     |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-IMMT antibody | Component of the MICOS complex, a large protein complex of the mitochondrial inner membrane that plays crucial roles in the maintenance of crista junctions, inner membrane architecture, and formation of contact sites to the outer membrane. Plays an important role in the maintenance of the MICOS complex stability and the mitochondrial cristae morphology. |
| Product Categories/Family for anti-IMMT antibody   | Cell Marker; Subcellular Marker; Membrane                                                                                                                                                                                                                                                                                                                           |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                        |
|----------------------------------|----------------------------------------------------------------------------------------|
| NCBI GI #                        | 154354962                                                                              |
| NCBI GeneID                      | 10989                                                                                  |
| NCBI Accession #                 | NP_001093639.1                                                                         |
| NCBI GenBank Nucleotide #        | NM_001100169.1                                                                         |
| UniProt Accession #              | Q16891; Q14539; Q15092; Q68D41; Q69HW5; Q6IBL0; Q7Z3X1; Q8TAJ5; Q9P0V2; B1H0U5; B2R5N6 |
| Molecular Weight                 | Predicted MW: 84kDa                                                                    |
| NCBI Official Full Name          | MICOS complex subunit MIC60 isoform 2                                                  |
| NCBI Official Synonym Full Names | inner membrane mitochondrial protein                                                   |
| NCBI Official Symbol             | IMMT                                                                                   |
| NCBI Official Synonym Symbols    | HMP; P87; P89; PIG4; Mic60; PIG52; MINOS2; P87/89                                      |
| NCBI Protein Information         | MICOS complex subunit MIC60                                                            |
| UniProt Protein Name             | MICOS complex subunit MIC60                                                            |
| UniProt Gene Name                | IMMT                                                                                   |
| UniProt Synonym Gene Names       | HMP; MIC60; MINOS2                                                                     |

**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/mitofilin-antibody-flow-cytometry-immunoprecipitation-western-blot-elisa/62310>