



# IMMT Polyclonal Antibody

|                                    |                                                                                                                                                                                                                                                                                                                                                                                                          |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                  | YP-Ab-07746                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Reactivity</b>                  | Human;Mouse;Rat                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Applications</b>                | WB;ELISA                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Gene Name</b>                   | IMMT HMP MINOS2 PIG4 PIG52                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Immunogen</b>                   | Synthesized peptide derived from part region of human protein                                                                                                                                                                                                                                                                                                                                            |
| <b>Specificity</b>                 | IMMT Polyclonal Antibody detects endogenous levels of protein.                                                                                                                                                                                                                                                                                                                                           |
| <b>Formulation</b>                 | Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.                                                                                                                                                                                                                                                                                                                                           |
| <b>Source</b>                      | Polyclonal, Rabbit,IgG                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Purification</b>                | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                                                                                                                    |
| <b>Dilution</b>                    | WB 1:500-2000 ELISA 1:5000-20000                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Concentration</b>               | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Purity</b>                      | ≥90%                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Storage Stability</b>           | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Synonyms</b>                    | Cell proliferation-inducing gene 4/52 protein;HMP;MIC60;MICOS complex subunit MIC60;MINOS2;IMMT;IMMT HMP MINOS2 PIG4 PIG52;Mitochondrial inner membrane protein (Cell proliferation-inducing gene 4/52 protein) (Mitofilin) (p87/89)                                                                                                                                                                     |
| <b>Observed Band</b>               | 80-90 kDa                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Calculated Molecular Weight</b> | 90 kDa                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Cell Pathway</b>                | Mitochondrion inner membrane ; Single-pass membrane protein . Mitochondrion .                                                                                                                                                                                                                                                                                                                            |
| <b>Tissue Specificity</b>          | B-cell lymphoma,Bone marrow,Brain,Cajal-Retzius cell,Cervix,Colon e                                                                                                                                                                                                                                                                                                                                      |
| <b>Function</b>                    |                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Background</b>                  | 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 (PubMed: 22114354, PubMed: 25781180). |

**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**