



# MVD Mouse mAb

|                                    |                                                                                                                                                                                                                                                                               |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                  | YP-mAb-18820                                                                                                                                                                                                                                                                  |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                                                           |
| <b>Reactivity</b>                  | Human;Mouse;Rat                                                                                                                                                                                                                                                               |
| <b>Applications</b>                | WB                                                                                                                                                                                                                                                                            |
| <b>Gene Name</b>                   | MVD MPD                                                                                                                                                                                                                                                                       |
| <b>Immunogen</b>                   | Synthesized peptide derived from human MVD                                                                                                                                                                                                                                    |
| <b>Specificity</b>                 | This antibody detects endogenous levels of MVD at Human, Mouse,Rat                                                                                                                                                                                                            |
| <b>Formulation</b>                 | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                       |
| <b>Source</b>                      | Monoclonal,Mouse,IgG                                                                                                                                                                                                                                                          |
| <b>Purification</b>                | The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                          |
| <b>Dilution</b>                    | WB 1:500-2000; IF 1:100-500; ELISA 1:1000-5000                                                                                                                                                                                                                                |
| <b>Concentration</b>               | 1 mg/ml                                                                                                                                                                                                                                                                       |
| <b>Purity</b>                      | ≥90%                                                                                                                                                                                                                                                                          |
| <b>Storage Stability</b>           | -20°C/1 year                                                                                                                                                                                                                                                                  |
| <b>Synonyms</b>                    | MPD;MDDase;POROK7;FP17780;MVD;MVD MPD;Diphosphomevalonate decarboxylase (Mevalonate (diphospho)decarboxylase) (MDDase) (Mevalonate pyrophosphate decarboxylase)                                                                                                               |
| <b>Observed Band</b>               | 43kDa                                                                                                                                                                                                                                                                         |
| <b>Calculated Molecular Weight</b> | 43kDa                                                                                                                                                                                                                                                                         |
| <b>Cell Pathway</b>                | Cytoplasm .                                                                                                                                                                                                                                                                   |
| <b>Tissue Specificity</b>          | Expressed in heart, skeletal muscle, lung, liver, brain, pancreas, kidney and placenta.                                                                                                                                                                                       |
| <b>Function</b>                    | Catalyzes the ATP dependent decarboxylation of (R)-5-diphosphomevalonate to form isopentenyl diphosphate (IPP). Functions in the mevalonate (MVA) pathway leading to isopentenyl diphosphate (IPP), a key precursor for the biosynthesis of isoprenoids and sterol synthesis. |
| <b>Background</b>                  |                                                                                                                                                                                                                                                                               |
| <b>matters needing attention</b>   | 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**