



# TMTC1 Mouse mAb

|                             |                                                                                                                                                                                                                                                                                                                                                                                                       |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Catalog No                  | YP-mAb-18919                                                                                                                                                                                                                                                                                                                                                                                          |
| Isotype                     | IgG                                                                                                                                                                                                                                                                                                                                                                                                   |
| Reactivity                  | Human;Mouse;Rat                                                                                                                                                                                                                                                                                                                                                                                       |
| Applications                | WB                                                                                                                                                                                                                                                                                                                                                                                                    |
| Gene Name                   | TMTC1 ARG99                                                                                                                                                                                                                                                                                                                                                                                           |
| Immunogen                   | Synthesized peptide derived from human TMTC1                                                                                                                                                                                                                                                                                                                                                          |
| Specificity                 | This antibody detects endogenous levels of TMTC1 at Human, Mouse                                                                                                                                                                                                                                                                                                                                      |
| Formulation                 | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                                                                                                                                               |
| Source                      | Monoclonal,Mouse,IgG                                                                                                                                                                                                                                                                                                                                                                                  |
| Purification                | The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                                                                                                                  |
| Dilution                    | WB 1:500-2000                                                                                                                                                                                                                                                                                                                                                                                         |
| Concentration               | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                               |
| Purity                      | ≥90%                                                                                                                                                                                                                                                                                                                                                                                                  |
| Storage Stability           | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                                          |
| Synonyms                    | ARG99;BC23818;FLJ314;FLJ41625;OLF;RGD1564868;TMTC1A; Transmembrane and tetratricopeptide repeat containing 1;Transmembrane and TPR repeat containing protein 1;TMTC1 ARG99;Transmembrane and TPR repeat-containing protein 1                                                                                                                                                                          |
| Observed Band               |                                                                                                                                                                                                                                                                                                                                                                                                       |
| Calculated Molecular Weight | 99kD(Calculated).                                                                                                                                                                                                                                                                                                                                                                                     |
| Cell Pathway                | Membrane ; Multi-pass membrane protein . Endoplasmic reticulum .                                                                                                                                                                                                                                                                                                                                      |
| Tissue Specificity          |                                                                                                                                                                                                                                                                                                                                                                                                       |
| Function                    | Transfers mannosyl residues to the hydroxyl group of serine or threonine residues. The 4 members of the TMTC family are O-mannosyl-transferases dedicated primarily to the cadherin superfamily, each member seems to have a distinct role in decorating the cadherin domains with O-linked mannose glycans at specific regions. Also acts as O-mannosyl-transferase on other proteins such as PDIA3. |
| Background                  |                                                                                                                                                                                                                                                                                                                                                                                                       |

**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**