

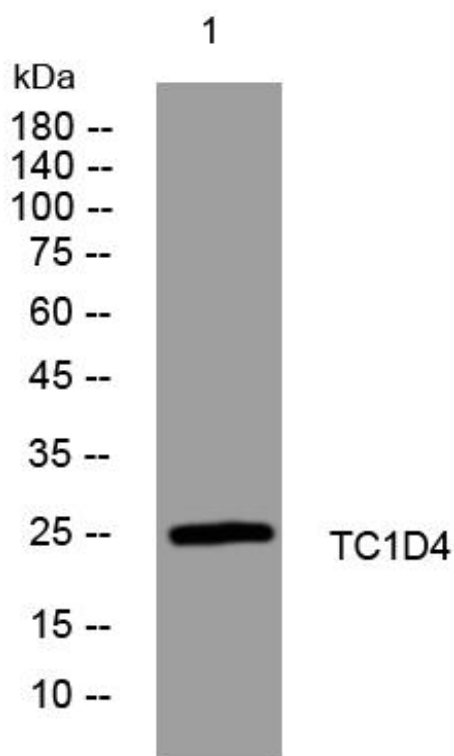


# TC1D4 mouse mAb

|                                    |                                                                                                                                                                                                                                                                                                                                                       |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                  | YP-mAb-11727                                                                                                                                                                                                                                                                                                                                          |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                                                                                                                                   |
| <b>Reactivity</b>                  | Human;Mouse;Rat                                                                                                                                                                                                                                                                                                                                       |
| <b>Applications</b>                | WB                                                                                                                                                                                                                                                                                                                                                    |
| <b>Gene Name</b>                   | TCTEX1D4                                                                                                                                                                                                                                                                                                                                              |
| <b>Immunogen</b>                   | Synthesized peptide derived from human TC1D4 AA range: 43-93                                                                                                                                                                                                                                                                                          |
| <b>Specificity</b>                 | This antibody detects endogenous levels of TC1D4 at Human/Mouse                                                                                                                                                                                                                                                                                       |
| <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 1:500-1:2000                                                                                                                                                                                                                                                                                                                                       |
| <b>Concentration</b>               | 1 mg/ml                                                                                                                                                                                                                                                                                                                                               |
| <b>Purity</b>                      | ≥90%                                                                                                                                                                                                                                                                                                                                                  |
| <b>Storage Stability</b>           | -20°C/1 year                                                                                                                                                                                                                                                                                                                                          |
| <b>Synonyms</b>                    | TC1D4;TCTEX1D4                                                                                                                                                                                                                                                                                                                                        |
| <b>Observed Band</b>               |                                                                                                                                                                                                                                                                                                                                                       |
| <b>Calculated Molecular Weight</b> |                                                                                                                                                                                                                                                                                                                                                       |
| <b>Cell Pathway</b>                | Cell projection, cilium, flagellum . Cytoplasmic vesicle, secretory vesicle, acrosome . Cytoplasm, cytoskeleton, cilium axoneme . Cytoplasm . Nucleus . Cytoplasm, cytoskeleton, microtubule organizing center . Present along the entire length of the flagellum, including principal and endpiece, and more predominantly in the midpiece region. . |
| <b>Tissue Specificity</b>          | Ubiquitously expressed (PubMed:16982625). Expressed in testis (at protein level) (PubMed:23789093).                                                                                                                                                                                                                                                   |
| <b>Function</b>                    | similarity:Belongs to the dynein light chain Tctex-type family.,subunit:Interacts with ENG/endoglin, TGFB2 and TGFB3.,tissue specificity:Ubiquitously expressed.,                                                                                                                                                                                     |
| <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**

Western Blot analysis of various cells using TC1D4 mouse mAb