

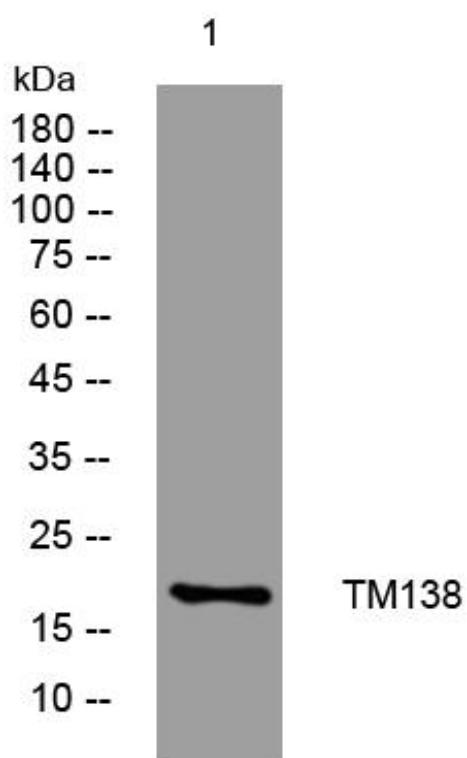


# TM138 mouse mAb

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                | YP-mAb-08823                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Isotype</b>                   | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Reactivity</b>                | Human; Mouse;Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Applications</b>              | WB                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Gene Name</b>                 | TMEM138 HSPC196 HSPC198                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Protein Name</b>              | TM138                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Immunogen</b>                 | Synthesized peptide derived from human TM138 AA range: 75-125                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Specificity</b>               | This antibody detects endogenous levels of TM138 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 1:500-1:2000                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Concentration</b>             | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Purity</b>                    | ≥90%                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Storage Stability</b>         | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Synonyms</b>                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Observed Band</b>             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Cell Pathway</b>              | Vacuole membrane ; Multi-pass membrane protein . Cell projection, cilium . Localizes to vesicles en route to the base of cilium.                                                                                                                                                                                                                                                                                                                                          |
| <b>Tissue Specificity</b>        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Function</b>                  | similarity:Belongs to the TMEM138 family.,                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Background</b>                | This gene encodes a multi-pass transmembrane protein. Reduced expression of this gene in mouse fibroblasts causes short cilia and failure of ciliogenesis. Expression of this gene is tightly coordinated with expression of the neighboring gene TMEM216. Mutations in this gene are associated with the autosomal recessive neurodevelopmental disorder Joubert Syndrome. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2012], |
| <b>matters needing attention</b> | Avoid repeated freezing and thawing!                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Usage suggestions</b>         | 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 TM138 mouse mAb