



## TMX1 mouse mAb

|                                    |                                                                                                                                                                                                                                                                                                                                                                                            |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                  | YP-mAb-08944                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Reactivity</b>                  | Human;Mouse;Rat                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Applications</b>                | WB                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Gene Name</b>                   | TMX1 TMX TXNDC TXNDC1 PSEC0085 UNQ235/PRO268                                                                                                                                                                                                                                                                                                                                               |
| <b>Immunogen</b>                   | Synthesized peptide derived from human TMX1 AA range: 223-273                                                                                                                                                                                                                                                                                                                              |
| <b>Specificity</b>                 | This antibody detects endogenous levels of TMX1 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>                    | Thioredoxin-related transmembrane protein 1;Thioredoxin domain-containing protein 1;PSEC0085;Protein disulfide-isomerase TMX1;PDIA11;TMX1;TMX1 TMX TXNDC TXNDC1 PSEC0085 UNQ235/PRO268                                                                                                                                                                                                     |
| <b>Observed Band</b>               |                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Calculated Molecular Weight</b> | 31kD                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Cell Pathway</b>                | Membrane ; Single-pass type I membrane protein . Endoplasmic reticulum membrane ; Single-pass type I membrane protein . Predominantly found in the endoplasmic reticulum. .                                                                                                                                                                                                                |
| <b>Tissue Specificity</b>          | Ubiquitous. Highly expressed in kidney, liver, placenta and lung.                                                                                                                                                                                                                                                                                                                          |
| <b>Function</b>                    | function:May participate in various redox reactions through the reversible oxidation of its active center dithiol to a disulfide and catalyze dithiol-disulfide exchange reactions.,similarity:Contains 1 thioredoxin domain.,subcellular location:Predominantly found in the endoplasmic reticulum.,tissue specificity:Ubiquitous. Highly expressed in kidney, liver, placenta and lung., |
| <b>Background</b>                  | TXNDC1 is a thioredoxin (TXN; see MIM 187700)-related protein with disulfide reductase activity (Matsuo et al., 2001 [PubMed 11152479]).[supplied by OMIM, Mar 2008],                                                                                                                                                                                                                      |



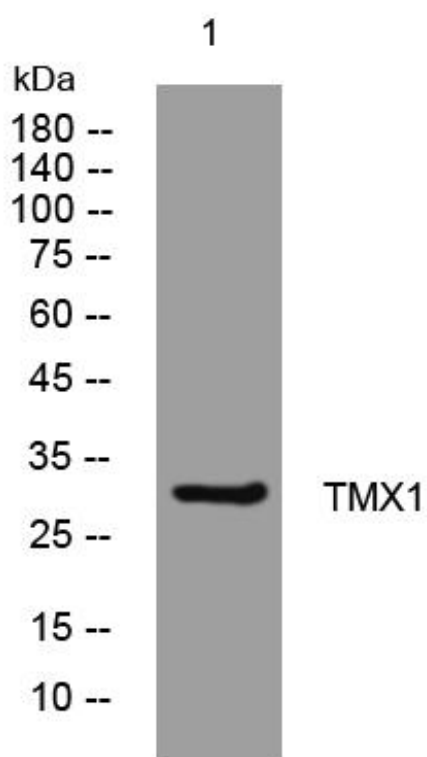
**matters needing attention**

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**



Western Blot analysis of various cells using TMX1 mouse mAb