

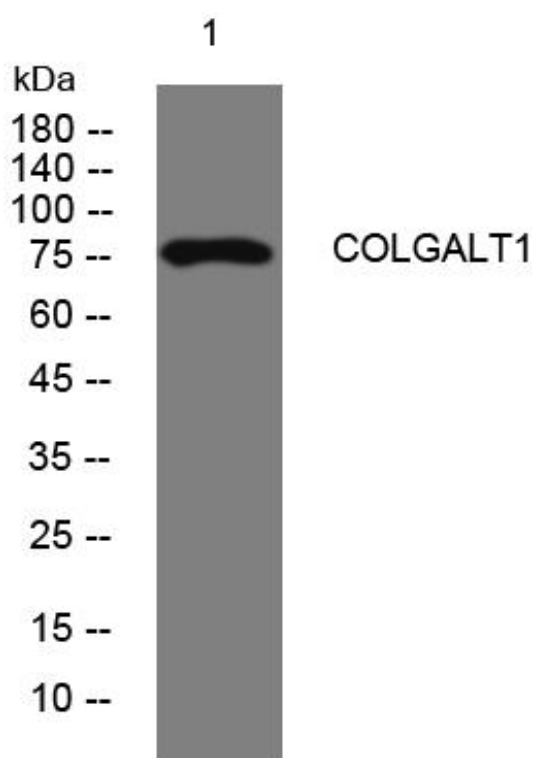


## COLGALT1 mouse mAb

|                                  |                                                                                                                                                                                                                                                                                                             |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                | YP-mAb-07890                                                                                                                                                                                                                                                                                                |
| <b>Isotype</b>                   | IgG                                                                                                                                                                                                                                                                                                         |
| <b>Reactivity</b>                | Human; Mouse                                                                                                                                                                                                                                                                                                |
| <b>Applications</b>              | WB                                                                                                                                                                                                                                                                                                          |
| <b>Gene Name</b>                 | GLT25D1 PSEC0241                                                                                                                                                                                                                                                                                            |
| <b>Protein Name</b>              | COLGALT1                                                                                                                                                                                                                                                                                                    |
| <b>Immunogen</b>                 | Synthesized peptide derived from human COLGALT1 AA range: 194-244                                                                                                                                                                                                                                           |
| <b>Specificity</b>               | This antibody detects endogenous levels of COLGALT1 at Human/Mouse                                                                                                                                                                                                                                          |
| <b>Formulation</b>               | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.04% 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>                  | Procollagen galactosyltransferase 1 (EC 2.4.1.50) (Glycosyltransferase 25 family member 1) (Hydroxylysine galactosyltransferase 1)                                                                                                                                                                          |
| <b>Observed Band</b>             | 75kD                                                                                                                                                                                                                                                                                                        |
| <b>Cell Pathway</b>              | Endoplasmic reticulum lumen . Colocalized with PLOD3 and mannose binding lectin/MBL2. .                                                                                                                                                                                                                     |
| <b>Tissue Specificity</b>        | Ubiquitous with higher levels in placenta, heart, lung and spleen.                                                                                                                                                                                                                                          |
| <b>Function</b>                  | similarity:Belongs to the glycosyltransferase 25 family.,                                                                                                                                                                                                                                                   |
| <b>Background</b>                | The protein encoded by this gene is one of two enzymes that transfers galactose moieties to hydroxylysine residues of collagen and mannose binding lectin. This gene is constitutively expressed and encodes a soluble protein that localizes to the endoplasmic reticulum. [provided by RefSeq, Dec 2015], |
| <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  
COLGALT1 mouse mAb