



# SLCO4A1 Mouse mAb

|                                    |                                                                                                                                                                                                                                                                                                                                        |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                  | YP-mAb-19140                                                                                                                                                                                                                                                                                                                           |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                                                                                                                    |
| <b>Reactivity</b>                  | Human,Mouse,Rat                                                                                                                                                                                                                                                                                                                        |
| <b>Applications</b>                | WB                                                                                                                                                                                                                                                                                                                                     |
| <b>Gene Name</b>                   | SLCO4A1 OATP1 OATP4A1 OATPE SLC21A12                                                                                                                                                                                                                                                                                                   |
| <b>Protein Name</b>                | Solute carrier organic anion transporter family member 4A1 (OATP4A1) (Colon organic anion transporter) (Organic anion transporter polypeptide-related protein 1) (OATP-RP1) (OATPRP1) (POAT) (Organic anion-transporting polypeptide E) (OATP-E) (Sodium-independent organic anion transporter E) (Solute carrier family 21 member 12) |
| <b>Immunogen</b>                   | Synthesized peptide derived from human SLCO4A1                                                                                                                                                                                                                                                                                         |
| <b>Specificity</b>                 | This antibody detects endogenous levels of SLCO4A1 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 1:500-2000                                                                                                                                                                                                                                                                                                                          |
| <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>Calculated Molecular Weight</b> | 79kD                                                                                                                                                                                                                                                                                                                                   |
| <b>Cell Pathway</b>                | Cell membrane; Multi-pass membrane protein.                                                                                                                                                                                                                                                                                            |
| <b>Tissue Specificity</b>          | Ubiquitous, with the exception of spleen and leukocytes.                                                                                                                                                                                                                                                                               |
| <b>Function</b>                    | Mediates the Na(+)-independent transport of organic anions such as the thyroid hormones T3 (triiodo-L-thyronine), T4 (thyroxine) and rT3, and of estrone-3-sulfate and taurocholate.                                                                                                                                                   |
| <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**