

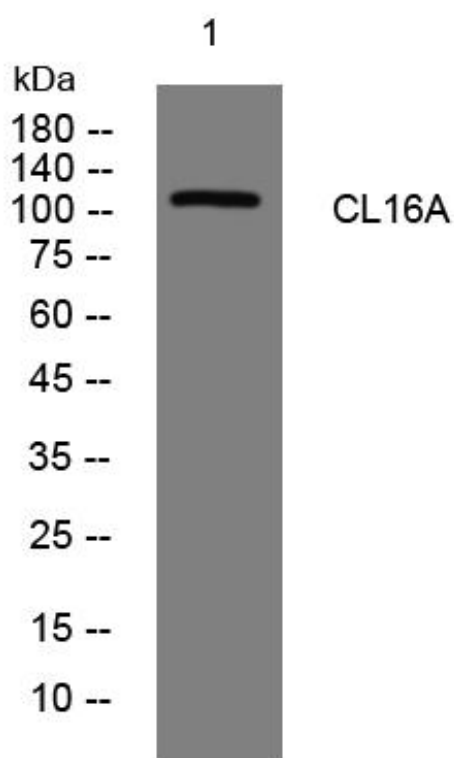


# CL16A mouse mAb

|                                  |                                                                                                                                                                                                                                                                                                                                                     |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                | YP-mAb-08319                                                                                                                                                                                                                                                                                                                                        |
| <b>Isotype</b>                   | IgG                                                                                                                                                                                                                                                                                                                                                 |
| <b>Reactivity</b>                | Human; Mouse                                                                                                                                                                                                                                                                                                                                        |
| <b>Applications</b>              | WB                                                                                                                                                                                                                                                                                                                                                  |
| <b>Gene Name</b>                 | CLEC16A KIAA0350                                                                                                                                                                                                                                                                                                                                    |
| <b>Protein Name</b>              | CL16A                                                                                                                                                                                                                                                                                                                                               |
| <b>Immunogen</b>                 | Synthesized peptide derived from human CL16A AA range: 129-179                                                                                                                                                                                                                                                                                      |
| <b>Specificity</b>               | This antibody detects endogenous levels of CL16A 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>                  |                                                                                                                                                                                                                                                                                                                                                     |
| <b>Observed Band</b>             |                                                                                                                                                                                                                                                                                                                                                     |
| <b>Cell Pathway</b>              | Endosome membrane ; Peripheral membrane protein . Lysosome membrane ; Peripheral membrane protein . Associates with the endolysosome membrane. .                                                                                                                                                                                                    |
| <b>Tissue Specificity</b>        | Almost exclusively expressed in immune cells, including dendritic cells, B-lymphocytes and natural killer cells.                                                                                                                                                                                                                                    |
| <b>Function</b>                  | disease:Defects in CLEC16A might be a cause of insulin-dependent diabetes mellitus (IDDM) [MIM:222100].,similarity:Belongs to the CLEC16A/gop-1 family.,tissue specificity:Almost exclusively expressed in immune cells, including dendritic cells, B lymphocytes and natural killer cells.,                                                        |
| <b>Background</b>                | This gene encodes a member of the C-type lectin domain containing family. Single nucleotide polymorphisms in introns of this gene have been associated with diabetes mellitus, multiple sclerosis and rheumatoid arthritis. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2011], |
| <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 CL16A mouse mAb