



## UN13D mouse mAb

|                                    |                                                                                                                                                                                                                                                                                                                           |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                  | YP-mAb-09794                                                                                                                                                                                                                                                                                                              |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                                                                                                       |
| <b>Reactivity</b>                  | Human;Mouse;Rat                                                                                                                                                                                                                                                                                                           |
| <b>Applications</b>                | WB                                                                                                                                                                                                                                                                                                                        |
| <b>Gene Name</b>                   | UNC13D                                                                                                                                                                                                                                                                                                                    |
| <b>Immunogen</b>                   | Synthesized peptide derived from human UN13D AA range: 213-263                                                                                                                                                                                                                                                            |
| <b>Specificity</b>                 | This antibody detects endogenous levels of human UN13D                                                                                                                                                                                                                                                                    |
| <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>                    | FHL 3;FHL3;FLJ67;HLH 3;HLH3;HPLH 3;HPLH3;Jinx;Munc13 4;Munc13-4; Protein unc 13 homolog D;Protein unc-13 homolog D;UN13D_HUMAN;Unc 13 homolog D;UNC 13D;Unc-13 homolog D (C. elegans);Unc13 homolog D (C elegans);Unc13 homolog D;UNC13;C. elegans;homolog of;D;UNC13D;Unc13h4; UN13D;Protein unc-13 homolog D (Munc13-4) |
| <b>Observed Band</b>               |                                                                                                                                                                                                                                                                                                                           |
| <b>Calculated Molecular Weight</b> | 123 kDa; 123kD                                                                                                                                                                                                                                                                                                            |
| <b>Cell Pathway</b>                | Cytoplasm. Membrane; Peripheral membrane protein. Late endosome. Recycling endosome. Lysosome. Colocalizes with cytotoxic granules at the plasma membrane. Localizes to endosomal exocytic vesicles.                                                                                                                      |
| <b>Tissue Specificity</b>          | Expressed at high levels in spleen, thymus and leukocytes. Also expressed in lung and placenta, and at very low levels in brain, heart, skeletal muscle and kidney. Expressed in cytotoxic T-lymphocytes (CTL) and mast cells.                                                                                            |
| <b>Function</b>                    |                                                                                                                                                                                                                                                                                                                           |
| <b>Background</b>                  |                                                                                                                                                                                                                                                                                                                           |

**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**