



# PNO1 mouse mAb

|                                    |                                                                                                                                                                                                                                            |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                  | YP-mAb-18264                                                                                                                                                                                                                               |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                        |
| <b>Reactivity</b>                  | Human;Mouse;Rat                                                                                                                                                                                                                            |
| <b>Applications</b>                | WB                                                                                                                                                                                                                                         |
| <b>Gene Name</b>                   | PNO1                                                                                                                                                                                                                                       |
| <b>Immunogen</b>                   | Synthesized peptide derived from human PNO1                                                                                                                                                                                                |
| <b>Specificity</b>                 | This antibody detects endogenous levels of PNO1 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 1:500-1:2000                                                                                                                                                                                                                            |
| <b>Concentration</b>               | 1 mg/ml                                                                                                                                                                                                                                    |
| <b>Purity</b>                      | ≥90%                                                                                                                                                                                                                                       |
| <b>Storage Stability</b>           | -20°C/1 year                                                                                                                                                                                                                               |
| <b>Synonyms</b>                    | KHRBP1;Partner of NOB1;RNA binding protein PNO1;RNA-binding protein PNO1;PNO1                                                                                                                                                              |
| <b>Observed Band</b>               | 28-35 kDa                                                                                                                                                                                                                                  |
| <b>Calculated Molecular Weight</b> | 252 aa, 28 kDa                                                                                                                                                                                                                             |
| <b>Cell Pathway</b>                | Nucleus, nucleolus .                                                                                                                                                                                                                       |
| <b>Tissue Specificity</b>          | Expressed in liver, lung, spleen and kidney. Weakly expressed in thymus, testis and ovary. Weakly or not expressed in heart, brain, skeletal muscle, placenta, pancreas, prostate, small intestine, colon and peripheral blood leukocytes. |
| <b>Function</b>                    | Positively regulates dimethylation of two adjacent adenosines in the loop of a conserved hairpin near the 3'-end of 18S rRNA .                                                                                                             |
| <b>Background</b>                  |                                                                                                                                                                                                                                            |
| <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.                                                                                                          |



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