



# PRM1 Mouse mAb

|                                    |                                                                                                                                                                                        |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                  | YP-mAb-18630                                                                                                                                                                           |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                    |
| <b>Reactivity</b>                  | Human;Mouse;Rat                                                                                                                                                                        |
| <b>Applications</b>                | WB                                                                                                                                                                                     |
| <b>Gene Name</b>                   | PRM1                                                                                                                                                                                   |
| <b>Immunogen</b>                   | Synthesized peptide derived from human PRM1                                                                                                                                            |
| <b>Specificity</b>                 | This antibody detects endogenous levels of PRM1 at Human, Mouse,Rat                                                                                                                    |
| <b>Formulation</b>                 | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                |
| <b>Source</b>                      |                                                                                                                                                                                        |
| <b>Purification</b>                | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                                  |
| <b>Dilution</b>                    | WB 1:500-1:2000; IHC 1:100-1:300; ELISA 1:40000; IF 1:50-200                                                                                                                           |
| <b>Concentration</b>               | 1 mg/ml                                                                                                                                                                                |
| <b>Purity</b>                      | ≥90%                                                                                                                                                                                   |
| <b>Storage Stability</b>           | -20°C/1 year                                                                                                                                                                           |
| <b>Synonyms</b>                    | P1;Cysteine-rich protamine;CT94.1;PRM1;Sperm protamine P1 (Cysteine-rich protamine)                                                                                                    |
| <b>Observed Band</b>               | 13-20 kDa                                                                                                                                                                              |
| <b>Calculated Molecular Weight</b> | 51 aa, 6 kDa                                                                                                                                                                           |
| <b>Cell Pathway</b>                | Nucleus. Chromosome.                                                                                                                                                                   |
| <b>Tissue Specificity</b>          | Testis.                                                                                                                                                                                |
| <b>Function</b>                    | Protamines substitute for histones in the chromatin of sperm during the haploid phase of spermatogenesis. They compact sperm DNA into a highly condensed, stable and inactive complex. |
| <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.                                                      |



## Products Images

|  |
|--|
|  |
|  |
|  |
|  |
|  |
|  |
|  |