



# PRDM7 mouse mAb

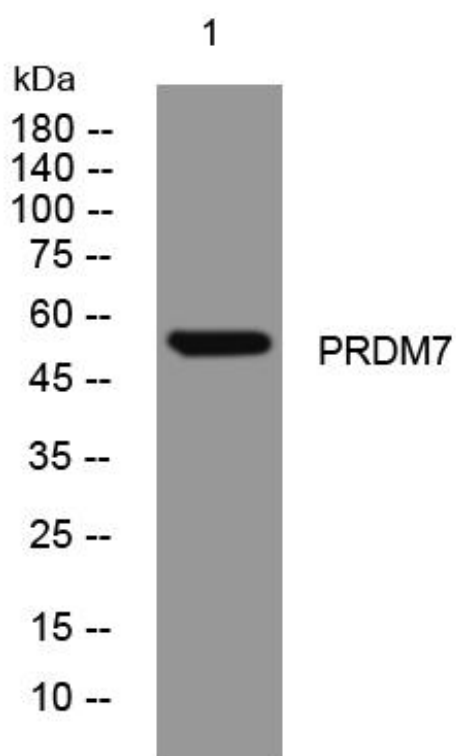
|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>         | YP-mAb-11217                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Isotype</b>            | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Reactivity</b>         | Human;Rat;Mouse;                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Applications</b>       | WB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Gene Name</b>          | PRDM7 PFM4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Protein Name</b>       | PRDM7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Immunogen</b>          | Synthesized peptide derived from human PRDM7 AA range: 28-78                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Specificity</b>        | This antibody detects endogenous levels of PRDM7 at Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <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>       | Nucleus . Chromosome .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Tissue Specificity</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Function</b>           | catalytic activity:S-adenosyl-L-methionine + histone L-lysine = S-adenosyl-L-homocysteine + histone N(6)-methyl-L-lysine.,function:Probable histone methyltransferase.,miscellaneous:The mouse orthologous protein seems not to exist. According to PubMed:17916234, human PRDM7 and PRDM9 genes, a pair of close paralogs corresponding to a single mouse gene Prdm9, were generated by a recent gene duplication event after the divergence of the ancestors of human and mouse.,similarity:Contains 1 KRAB-related domain.,similarity:Contains 1 SET domain., |
| <b>Background</b>         | This gene encodes a member of a family of proteins that may have roles in transcription and other nuclear processes. The encoded protein contains a KRAB (Kruppel-associated box) domain -A box and a SET (Su(var)3-9, Enhancer-of-zeste, Trithorax) domain and may function as a histone methyltransferase. [provided by RefSeq, Aug 2013],                                                                                                                                                                                                                     |

**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**

Western Blot analysis of various cells using PRDM7 mouse mAb