

|                          |                                                                                                                                                                                                                                                                                                                                                   |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product name:</b>     | PRMT6 Mouse Monoclonal Antibody                                                                                                                                                                                                                                                                                                                   |
| <b>Cat number:</b>       | MABN00960                                                                                                                                                                                                                                                                                                                                         |
| <b>Conjugate:</b>        | Unconjugated                                                                                                                                                                                                                                                                                                                                      |
| <b>Size:</b>             | 100µL                                                                                                                                                                                                                                                                                                                                             |
| <b>Clone:</b>            | Monoclonal                                                                                                                                                                                                                                                                                                                                        |
| <b>Concentration:</b>    | 1mg/ml                                                                                                                                                                                                                                                                                                                                            |
| <b>Host:</b>             | Mouse                                                                                                                                                                                                                                                                                                                                             |
| <b>Isotype:</b>          | IgG1                                                                                                                                                                                                                                                                                                                                              |
| <b>Immunogen:</b>        | A synthetic peptide of human PRMT6                                                                                                                                                                                                                                                                                                                |
| <b>Reactivity:</b>       | Human,Monkey                                                                                                                                                                                                                                                                                                                                      |
| <b>Applications:</b>     | WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200                                                                                                                                                                                                                                                                                                  |
| <b>Molecular Weight:</b> | Calculated MW: 42 kDa; Observed MW: 42 kDa                                                                                                                                                                                                                                                                                                        |
| <b>Purification:</b>     | Affinity Purification                                                                                                                                                                                                                                                                                                                             |
| <b>Form:</b>             | Liquid                                                                                                                                                                                                                                                                                                                                            |
| <b>Buffer:</b>           | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.                                                                                                                                                                                                                                                                   |
| <b>Storage:</b>          | Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.                                                                                                                                                                                                                                                      |
| <b>Background:</b>       | Arginine methyltransferase that can catalyze the formation of both omega-N monomethylarginine (MMA) and asymmetrical dimethylarginine (aDMA), with a strong preference for the formation of aDMA. Preferentially methylates arginyl residues present in a glycine and arginine-rich domain and displays preference for monomethylated substrates. |