

<b>Cat. No:</b>	MABN04103
<b>Conjugate:</b>	Unconjugated
<b>Size:</b>	100µL
<b>Clone:</b>	Monoclonal
<b>Concentration:</b>	1mg/ml
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Immunogen:</b>	A synthetic peptide of human PRMT1
<b>Reactivity:</b>	Human,Rat
<b>Applications:</b>	WB 1:500-1:1000,IHC 1:50-1:100
<b>Molecular Weight:</b>	Calculated MW: 42 kDa; Observed MW: 42 kDa
<b>Purification:</b>	Affinity Purified
<b>Synonyms:</b>	<p>ANM 1; ANM1; ANM1_HUMAN; complete cds; HCP 1; HCP1; Heterogeneous nuclear ribonucleoprotein methyltransferase 1 like 2; Heterogeneous nuclear ribonucleoproteins methyltransferase like 2; Heterogeneous nuclear ribonucleoproteins methyltransferase like2; Histone-arginine N-methyltransferase PRMT1; HMT 2; HMT1 (hnRNP methyltransferase; HMT1 (hnRNP methyltransferase S. cerevisiae) like 2; HMT1 hnRNP methyltransferase; HMT1 hnRNP methyltransferase like 2 (S. cerevisiae); HMT1 hnRNP methyltransferase like 2; HMT1 hnRNP methyltransferase-like 2 (S. cerevisiae); HMT2; HRMT1 L2; HRMT1L 2; HRMT1L2; Human mRNA for suppressor for yeast mutant; Human mRNA for suppressor for yeast mutant complete cds; Interferon receptor 1 bound protein 4; Interferon receptor 1 bound protein4; Interferon receptor 1-bound protein 4; Interferon receptor 1bound protein 4; IR1 B4; IR1B 4; IR1B4; Mrmt 1; Mrmt1; PRMT 1; PRMT1; Protein arginine methyltransferase 1; Protein arginine N methyltransferase 1; Protein arginine N methyltransferase1; Protein arginine N-methyltransferase 1; R1B4; S. cerevisiae like 2.</p> <p>Arginine methyltransferase that methylates (mono and asymmetric dimethylation) the guanidino nitrogens of arginyl residues present in proteins such as ESR1, histone H2, H3 and H4, PIAS1, HNRNPA1, HNRNPD, NFATC2IP, SUPT5H, TAF15 and EWS. Constitutes the main enzyme that mediates monomethylation and asymmetric dimethylation of histone H4 'Arg-4' (H4R3me1 and H4R3me2a, respectively), a specific tag for epigenetic transcriptional activation.</p>
<b>Background:</b>	
<b>Form:</b>	Liquid
<b>Buffer:</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
<b>Storage:</b>	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.

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