PRMT1 RABBIT MAB

Cat.#: N262759

Product Name: Anti-PRMT1 Rabbit Monoclonal Antibody

Synonyms: 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.

UNIPROT ID: Q99873

Background: 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.

Immunogen: A synthetic peptide of human PRMT1

Applications: WB,IHC-P

Recommended Dilutions: WB: 1/500-1/1000 IHC: 1/50-1/100

Host Species: Rabbit

Clonality: Rabbit Monoclonal

Clone ID: R08-3H8

MW: Calculated MW: 42 kDa; Observed MW: 42 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human,Rat

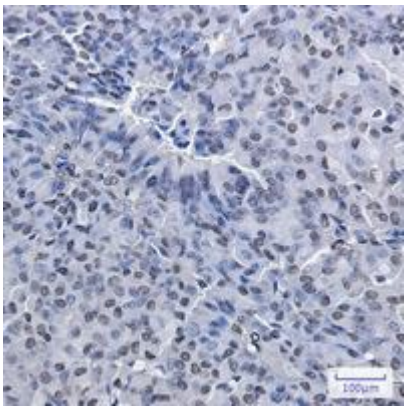
Conjugation: Unconjugated

Modification: Unmodified

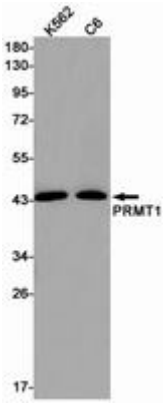
Constituents: PBS (without Mg2+ and Ca2+), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Cell Biology

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin-embedded Human breast cancer using PRMT1 antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Western blot analysis of PRMT1 in K562, C6 lysates using PRMT1 antibody.