

## PRMT1 (4E9) Mouse mAb

db6136

Package : 50µL 100µL

**Product Name** : PRMT1 (4E9) Mouse mAb**Cat.No.:** db6136**Synonyms** : ANM1;HCP1;IR1B4;HRMT1L2**Application** : WB**Reactivity** : Human**Host species** : Mouse**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**

Purified recombinant human PRMT1 protein fragments expressed in E.coli

**Gene ID**

3276

**Swiss Prot**

Q99873

**Synonyms**

ANM1;HCP1;IR1B4;HRMT1L2

**Reactivity**

Human

**Application**

WB

**Recommended dilution**

WB: 1:500-1:1000

**Calculated MW**

42 kDa

**Observed MW**

42 kDa

**Host species**

Mouse

**Clonality**

Monoclonal

**Clonality No.**

4E9-H9-H12

**Isotype**

IgG2b

**Purity**

Affinity Purification

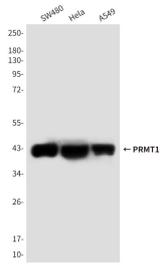
**Conjugation**

Un-conjugated

**Storage Stability**

Store at -20°C. Supplied in PBS, 50% Glycerol(pH 7.3), 0.02% sodium azide and 0.5% BSA .

Stable for 12 months from date of receipt.



Western blot analysis of PRMT1 in HeLa, A549 and SW480 lysates using PRMT1 antibody.