

Recombinant

DGRmAb®

PRMT1 (DGR20914) Rabbit mAb (PBS Only)

db14192-PBS

Package : 10µg 100µg

Product Name : PRMT1 (DGR20914) Rabbit mAb (PBS Only)**Cat.No.:** db14192-PBS**Synonyms** : ANM1; HCP1; IR1B4; HRMT1L2**Application** : WB, IHC-P, ICC/IF, IP**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**Background**

This gene encodes a member of the protein arginine N-methyltransferase (PRMT) family. Post-translational modification of target proteins by PRMTs plays an important regulatory role in many biological processes, whereby PRMTs methylate arginine residues by transferring methyl groups from S-adenosyl-L-methionine to terminal guanidino nitrogen atoms. The encoded protein is a type I PRMT and is responsible for the majority of cellular arginine methylation activity. Increased expression of this gene may play a role in many types of cancer. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, and a pseudogene of this gene is located on the long arm of chromosome 5. [provided by RefSeq, Dec 2011]

Immunogen

A synthetic peptide of human PRMT1

Gene ID

3276

Swiss Prot

Q99873

Synonyms

ANM1; HCP1; IR1B4; HRMT1L2

Reactivity

Human,Mouse,Rat

Application

WB, IHC-P, ICC/IF, IP

Calculated MW

43 kDa

Observed MW

43 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR20914

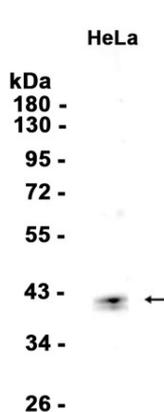
Isotype

IgG

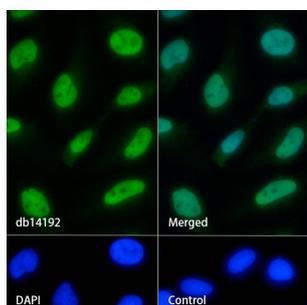
Purity

Affinity Purification

Conjugation	Un-conjugated
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot analysis of extracts from HeLa cells using db14192 at 1:1000.



Immunofluorescence analysis of HeLa cells labelling PRMT1 with db14192.

The cells were fixed with 4% PFA (10min, RT) followed by treatment with 0.1% Triton X-100 (10min, RT), and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with db14192 (1:500) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 (db10005, shown in green). Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.