

Recombinant

DGRmAb®

PRMT5 (DGR20834) Rabbit mAb

db14216

Package : 10µL 20µL 50µL 100µL

Product Name : PRMT5 (DGR20834) Rabbit mAb**Cat.No.:** db14216**Synonyms** : JBP1; SKB1; IBP72; SKB1Hs; HRMT1L5**Application** : WB, IHC-P, ICC/IF, FC, IP**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**Background**

This gene encodes an enzyme that belongs to the methyltransferase family. The encoded protein catalyzes the transfer of methyl groups to the amino acid arginine, in target proteins that include histones, transcriptional elongation factors and the tumor suppressor p53. This gene plays a role in several cellular processes, including transcriptional regulation, and the assembly of small nuclear ribonucleoproteins. A pseudogene of this gene has been defined on chromosome 4. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Sep 2015]

Immunogen

A synthetic peptide of human PRMT5

Gene ID

10419

Swiss Prot

O14744

Synonyms

JBP1; SKB1; IBP72; SKB1Hs; HRMT1L5

Reactivity

Human,Mouse,Rat

Application

WB, IHC-P, ICC/IF, FC, IP

Recommended dilution

WB: 1:2000-1:20000

IHC-P: 1:50-1:100

ICC/IF: 1:50

FC: 1:100

IP: 1:20-1:50

Calculated MW

73 kDa

Observed MW

73 kDa

Host species

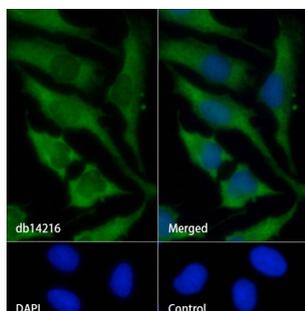
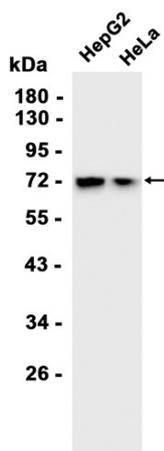
Rabbit

Clonality

Monoclonal

Clonality No.	DGR20834
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.

Western blot analysis of extracts from HepG2, HeLa cells using db14216 at 1:1000.



Immunofluorescence analysis of HeLa cells labelling PRMT5 with db14216.

The cells were fixed with cold 100% methanol (10min, 4°C) 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 db14216 (1:50) 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.