

Recombinant

DGRmAb®

**Dnmt1 (DGR19467) Rabbit mAb (PBS Only)**

db12139-PBS

Package : 10µg 100µg

**Product Name** : Dnmt1 (DGR19467) Rabbit mAb (PBS Only)**Cat.No.:** db12139-PBS**Synonyms** : AIM; DNMT; MCMT; CXXC9; HSN1E; ADCADN; m.Hsal**Application** : WB, ICC/IF, FC, IP**Reactivity** : Human**Host species** : Rabbit**Background**

This gene encodes an enzyme that transfers methyl groups to cytosine nucleotides of genomic DNA. This protein is the major enzyme responsible for maintaining methylation patterns following DNA replication and shows a preference for hemi-methylated DNA. Methylation of DNA is an important component of mammalian epigenetic gene regulation. Aberrant methylation patterns are found in human tumors and associated with developmental abnormalities. Variation in this gene has been associated with cerebellar ataxia, deafness, and narcolepsy, and neuropathy, hereditary sensory, type IE. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2016]

**Immunogen**

A synthetic peptide of human Dnmt1

**Gene ID**

1786

**Swiss Prot**

P26358

**Synonyms**

AIM; DNMT; MCMT; CXXC9; HSN1E; ADCADN; m.Hsal

**Reactivity**

Human

**Application**

WB, ICC/IF, FC, IP

**Calculated MW**

183 kDa

**Observed MW**

183 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

**Clonality No.**

DGR19467

**Isotype**

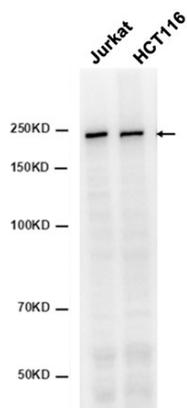
IgG

**Purity**

Affinity Purification

<b>Conjugation</b>	Un-conjugated
<b>Concentration</b>	1 mg/mL
<b>Formulation</b>	PBS Only
<b>Storage Stability</b>	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 Jurkat, HCT116 cells using [db12139](#) at 1:1000.



Immunofluorescent analysis of HeLa cells using [db12139](#) antibody (green), and DAPI (blue).

