

Recombinant

DGRmAb®

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

db12139-PBS

Package : 100µg

**Product Name** : Dnmt1 (DGR19467) Rabbit mAb (PBS Only)**Cat.No.:** db12139-PBS**Synonyms** : AIM; DNMT; MCMT; CXXC9; HSN1E; ADCADN; m.HsaI**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.HsaI

**Reactivity**

Human

**Application**

WB, ICC/IF, FC, IP

**Recommended dilution**

WB: 1:1000-1:5000

ICC/IF: 1:50-1:100

FC: 1:100-1:1000

IP: 1:20

**Calculated MW**

183 kDa

**Observed MW**

183 kDa

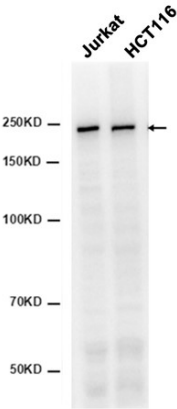
**Host species**

Rabbit

**Clonality**

Monoclonal

Clonality No.	DGR19467
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 Jurkat,HCT116 cells using [db12139](#)