

Recombinant

DGRmAb®

Dnmt1 (DGR19467) Rabbit mAb

db12139

Package : 10µL 20µL 50µL 100µL

Product Name : Dnmt1 (DGR19467) Rabbit mAb**Cat.No.:** db12139**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

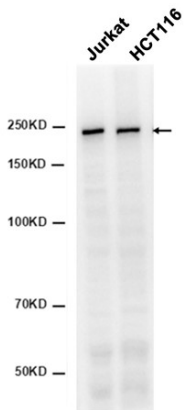
Rabbit

Clonality

Monoclonal

Clonality No.	DGR19467
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
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 Jurkat,HCT116 cells using db12139 at 1:1000.



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

