







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.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

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

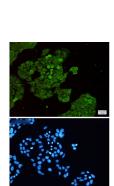
Storage Stability Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium

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.

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OKD — — —



100KD -

70KD _

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