

DNMT1 RABBIT MAB

Cat.#: N262143

Product Name: Anti-Dnmt1 Rabbit Monoclonal Antibody

Synonyms: ADCADN; CXXC finger protein 9; CXXC9; DNA methyltransferase 1; DNA MTase; Dnmt1o; HSNIE; M.Hsa1; MCMT; Met1; MommeD2

UNIPROT ID: P26358

Background: Methylation of DNA at cytosine residues in mammalian cells is a heritable, epigenetic modification that is critical for proper regulation of gene expression, genomic imprinting and development. It is responsible for maintaining methylation patterns established in development. DNA methylation is coordinated with methylation of histones. Mediates transcriptional repression by direct binding to HDAC2.

Immunogen: A synthetic peptide of human Dnmt1

Applications: WB, ICC/IF, IP

Recommended Dilutions: WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/20

Host Species: Rabbit

Clonality: Rabbit Monoclonal

Clone ID: R05-3K1

MW: Calculated MW: 183 kDa; Observed MW: 183 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human

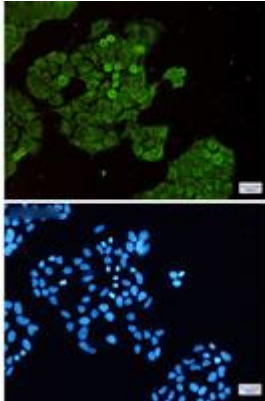
Conjugation: Unconjugated

Modification: Unmodified

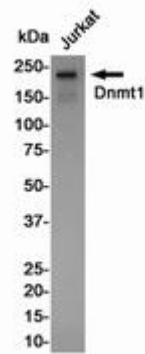
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Epigenetics and Nuclear Signaling

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunocytochemistry analysis of Dnmt1 (green) in HeLa using Dnmt1 antibody, and DAPI (blue)



Western blot analysis of Dnmt1 in Jurkat lysates using Dnmt1 antibody.