

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

DNMT1 RABBIT MAB

Cat.#: N262143

Product Name: Anti-Dnmt1 Rabbit Monoclonal Antibody

Synonyms: ADCADN; CXXC finger protein 9; CXXC9; DNA methyltransferase

1; DNA MTase; Dnmtlo; HSN1E; M.Hsal; MCMT; Metl; 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 Dnmtl

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

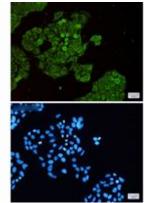
Research Areas: Epigenetics and Nuclear Signaling

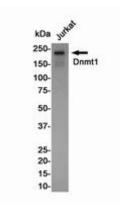
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



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Immunocytochemistry analysis of Western blot analysis of Dnmt1 in Dnmt1(green) in Hela using Dnmt1 Jurkat lysates using Dnmt1 antibody, and DAPI(blue)

antibody.