

Product Name: Dnmt1 Rabbit Monoclonal Antibody**Catalog #: AMRe85514**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,ICC,IP
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,ICC 1:50-1:200,IP 1:10-1:20
Molecular Weight	Calculated MW: 183 kDa; Observed MW: 183 kDa

Antigen Information

Gene Name	Dnmt1
Alternative Names	ADCADN; CXXC finger protein 9; CXXC9; DNA methyltransferase 1; DNA MTase; Dnmt1o; HSN1E; M.HsaI; MCMT; Met1; MommeD2
Gene ID	1786.0
SwissProt ID	P26358
Immunogen	A synthetic peptide of human Dnmt1

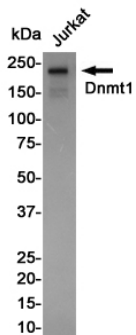
Background

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

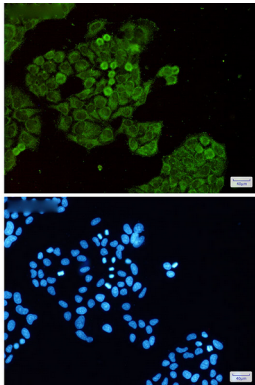
established in development. DNA methylation is coordinated with methylation of histones. Mediates transcriptional repression by direct binding to HDAC2.

Research Area

Image Data



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



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