

Summary

Production Name	Dnmt1 Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,ICC/IF,IP
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	DNMT1
Alternative Names	ADCADN; CXXC finger protein 9; CXXC9; DNA methyltransferase 1; DNA MTase; Dnmt1o; HSN1E; M.Hsal; MCMT; Met1; MommeD2
Gene ID	1786
SwissProt ID	P26358

Application

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

Product Name: Dnmt1 Rabbit Monoclonal Antibody
Catalog #: AMRe01919



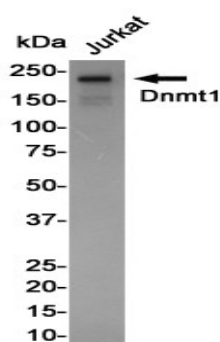
Background

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.

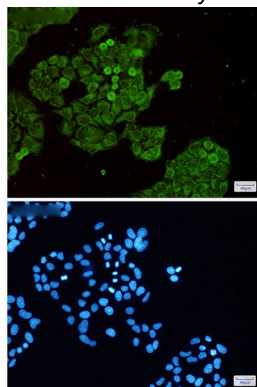
Research Area

Epigenetics and Nuclear Signaling

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)

Note

For research use only.