

Product Name: DNMT1 Mouse Monoclonal Antibody
Catalog #: AMM81655



Summary

Production Name	DNMT1 Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	IHC,ELISA
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Immunogen

Gene Name	DNMT1
Alternative Names	AIM; DNMT; MCMT; CXXC9; HSN1E; ADCADN
Gene ID	1786.0
SwissProt ID	P26358.Purified recombinant fragment of human DNMT1 (AA: 1317-1616) expressed in E. Coli.

Application

Dilution Ratio	IHC:1:200-1:1000,ELISA:1:10000
Molecular Weight	183.2kDa

Background

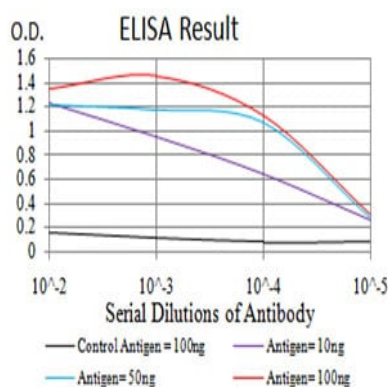
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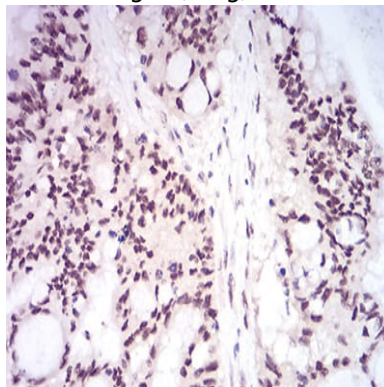
DNA (cytosine-5-)-methyltransferase 1 has a role in the establishment and regulation of tissue-specific patterns of methylated cytosine residues. Aberrant methylation patterns are associated with certain human tumors and developmental abnormalities. Two transcript variants encoding different isoforms have been found for this gene.

Research Area

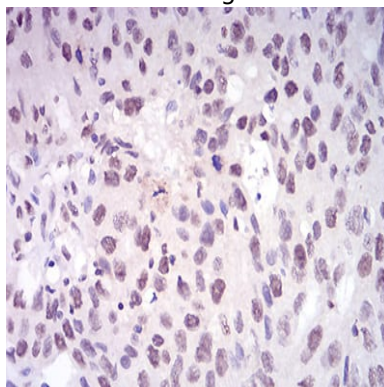
Image Data



Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



Immunohistochemical analysis of paraffin-embedded human colon cancer tissues using DNMT1 mouse mAb with DAB staining.



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Immunohistochemical analysis of paraffin-embedded human ovarian cancer tissues using DNMT1 mouse mAb with DAB staining.

Note

For research use only.