Product Name: **DNMT1 Mouse Monoclonal Antibody**
Catalog #: **AMM81255**
For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC,ELISA
Reactivity	Human,Monkey
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:200-1:1000,ELISA 1:5000-1:20000
Molecular Weight	183.2kDa

Antigen Information

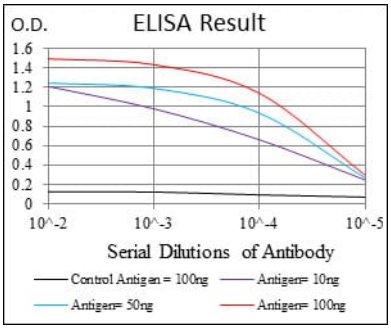
Gene Name	DNMT1
Alternative Names	AIM; DNMT; MCMT; CXXC9; HSN1E
Gene ID	1786.0
SwissProt ID	P26358
Immunogen	Purified recombinant fragment of human DNMT1 (AA: 1448-1594) expressed in E. Coli.

Background

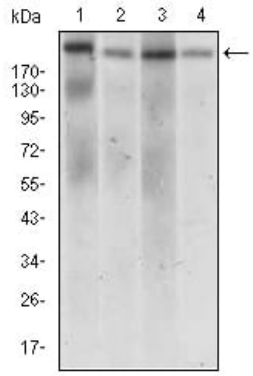
DNA (cytosine-5-)-methyltransferase 1 has a role in the establishment and regulation of tissue-specific patterns of methylated cytosine residues. Aberrant methylation patterns are associated with certain human tumors and developmental abnormalities. Two transcript variants encoding different isoforms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

Research Area

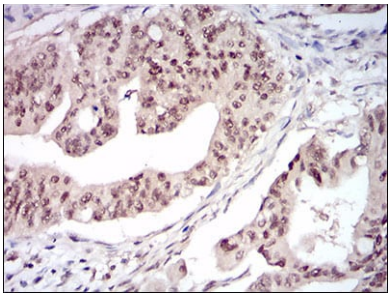
Image Data



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



Western blot analysis using IL2RA mouse mAb against Jurkat (1), Cos7 (2), HCT116 (3) and NTERA-2 (4) cell lysate.



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