

Datasheet for ABIN5542513

anti-DNMT1 antibody (AA 1317-1616)[Go to Product page](#)**5** Images

Overview

Quantity:	100 µL
Target:	DNMT1
Binding Specificity:	AA 1317-1616
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This DNMT1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	DNMT1 Antibody
Immunogen:	Purified recombinant fragment of human DNMT1 (AA: 1317-1616) expressed in E. Coli.
Clone:	2D10G8
Isotype:	IgG1
Purification:	Purified antibody

Target Details

Target:	DNMT1
Alternative Name:	DNMT1 (DNMT1 Products)
Background:	Description: DNA (cytosine-5-)-methyltransferase 1 has a role in the establishment and

Target Details

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.

Aliases: AIM, DNMT, MCMT, CXXC9, HSN1E, ADCADN

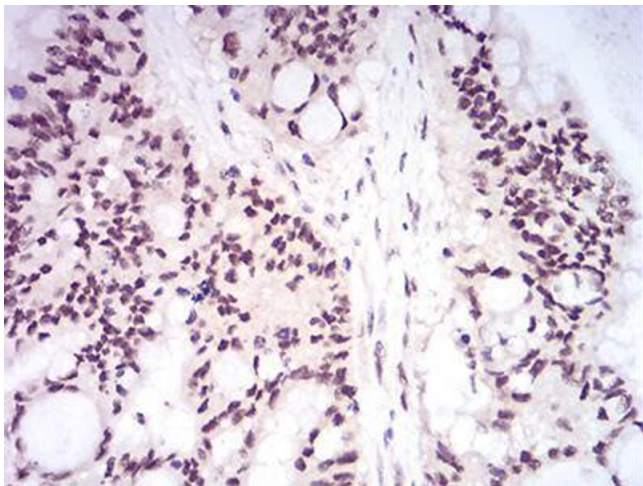
Molecular Weight:	183.2kDa
Gene ID:	1786
HGNC:	1786
UniProt:	P26358
Pathways:	SARS-CoV-2 Protein Interactome , The Global Phosphorylation Landscape of SARS-CoV-2 Infection

Application Details

Application Notes:	ELISA: 1/10000
Restrictions:	For Research Use only

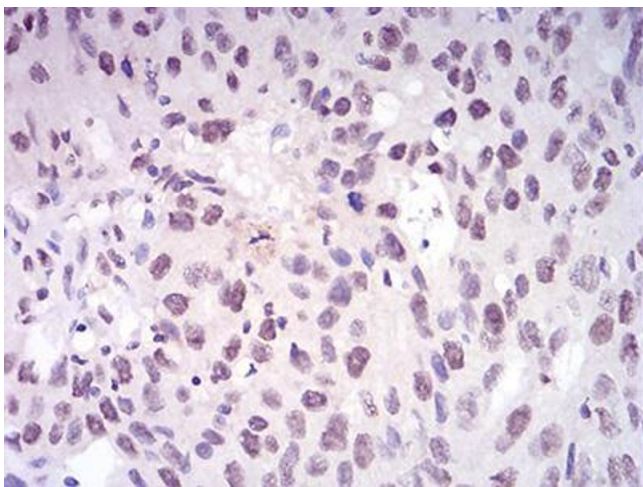
Handling

Format:	Liquid
Buffer:	Purified antibody in PBS with 0.05 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.



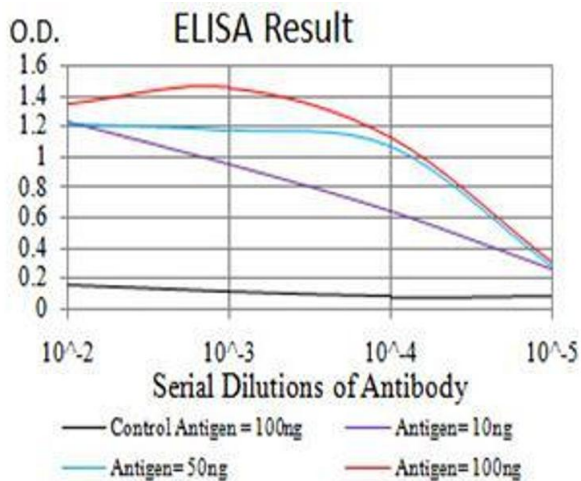
Immunohistochemistry

Image 1. Immunohistochemical analysis of paraffin-embedded colon cancer tissues using DNMT1 mouse mAb with DAB staining.



Immunohistochemistry

Image 2. Immunohistochemical analysis of paraffin-embedded ovarian cancer tissues using DNMT1 mouse mAb with DAB staining.



ELISA

Image 3. Black line: Control Antigen (100 ng),Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line:Antigen (100 ng)

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN5542513.