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Datasheet for ABIN5542512  
**anti-DNMT1 antibody (AA 1317-1616)**

4 Images

### Overview

Quantity:	0.1 mg
Target:	DNMT1
Binding Specificity:	AA 1317-1616
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This DNMT1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunocytochemistry (ICC)

### Product Details

Immunogen:	Purified recombinant fragment of human DNMT1 (AA: 1317-1616) expressed in E. coli.
Clone:	1D5G2
Isotype:	IgG1
Purification:	purified

### Target Details

Target:	DNMT1
Alternative Name:	DNMT1 ( <a href="#">DNMT1 Products</a> )
Background:	Description: DNA (cytosine-5-)-methyltransferase 1 has a role in the establishment and

## Target Details

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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

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Molecular Weight: 183.2 kDa

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Gene ID: 1786

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HGNC: 1786

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Pathways: [SARS-CoV-2 Protein Interactome](#), [The Global Phosphorylation Landscape of SARS-CoV-2 Infection](#)

## Application Details

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Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: , ICC: , FCM:

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: Purified antibody in PBS with 0.05 % sodium azide

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Preservative: Sodium azide

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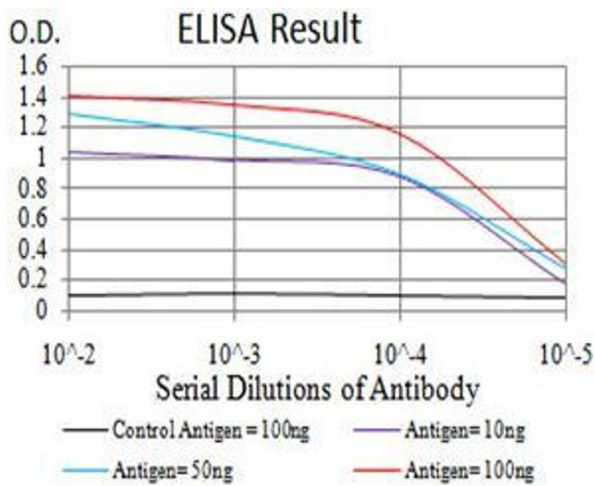
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: 4 °C/-20 °C

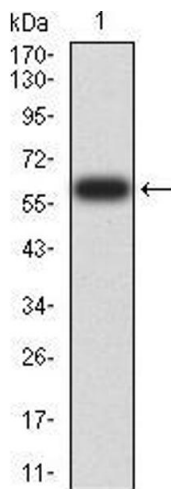
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Storage Comment: 4°C, -20°C for long term storage



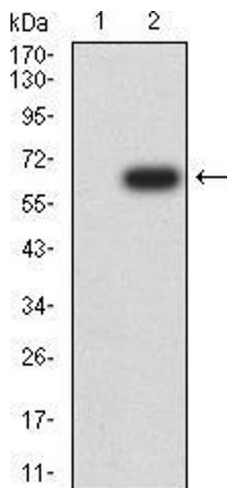
### ELISA

**Image 1.** Black line: Control Antigen (100 ng), Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line: Antigen (100 ng)



### Western Blotting

**Image 2.** Western blot analysis using DNMT1 mAb against human DNMT1 (AA: 1317-1616) recombinant protein. (Expected MW is 59.3 kDa)



### Western Blotting

**Image 3.** Western blot analysis using DNMT1 mAb against HEK293 (1) and DNMT1 (AA: 1317-1616)-hlgGfc transfected HEK293 (2) cell lysate.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN5542512.