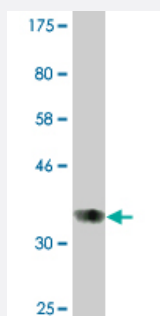


DNMT1 monoclonal antibody (M01A), clone 2B5

Catalog # H00001786-M01A

Size 200 uL

Applications



Western Blot detection against Immunogen (37.84 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant DNMT1.
Immunogen	DNMT1 (NP_001370, 1 a.a. ~ 110 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MPARTAPARVPTLAVPAISLPDDVRRRLKDLERDSLTEKECVKEKLNLLHEFLQTEIKNQLCDLET KLRKEELSEEGYLAKVKSLNKDLSLENGAHAYNREVNGLRENG
Host	Mouse
Reactivity	Human
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.84 KDa) .
Storage Buffer	In ascites fluid
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — DNMT1

Entrez GeneID [1786](#)

GeneBank Accession# [NM_001379](#)

Protein Accession# [NP_001370](#)

Gene Name DNMT1

Gene Alias AIM, CXXC9, DNMT, FLJ16293, MCMT, MGC104992

Gene Description DNA (cytosine-5-)-methyltransferase 1

Omim ID [126375](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations CXXC finger protein 9|DNA methyltransferase 1

Pathway

- [Cysteine and methionine metabolism](#)
- [Metabolic pathways](#)

Disease

- [Arsenic Poisoning](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)

- [Carcinoma](#)
- [Colorectal Neoplasms](#)
- [Cues](#)
- [DNA Damage](#)
- [Genetic Predisposition to Disease](#)
- [Lupus Erythematosus](#)
- [Neoplasms](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Satiety Response](#)
- [Spinal Dysraphism](#)
- [Stomach Neoplasms](#)