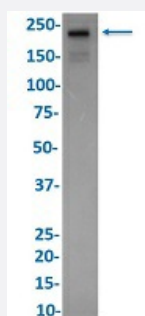


RecomAb™

DNMT1 recombinant monoclonal antibody, clone R05-3K1

Catalog # RAB02319 Size 100 uL

Applications



Western Blot

Western Blot analysis of Jurkat lysates with DNMT1 recombinant monoclonal antibody, clone R05-3K1 (Cat # RAB02319).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human DNMT1.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human DNMT1.
Theoretical MW (kDa)	Calculated MW: 183 k
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence (1:50-1:200) Immunoprecipitation (1:20) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)

Storage Instruction

Store at -20 °C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western Blot analysis of Jurkat lysates with DNMT1 recombinant monoclonal antibody, clone R05-3K1 (Cat # RAB02319).

- Immunofluorescence

- Immunoprecipitation

Gene Info — DNMT1

Entrez GeneID[1786](#)**Protein Accession#**[P26358](#)**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](#)