

Recombinant DNMT1 Monoclonal Antibody

catalog number: **AN301728L**

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

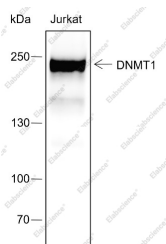
Reactivity	Human
Immunogen	Recombinant human Dnmt1 fragment
Host	Rabbit
Isotype	Rabbit IgG
Clone	C311350
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications

Recommended Dilution

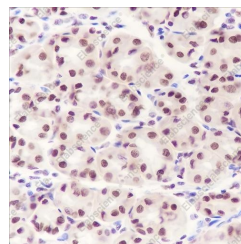
WB	1:500-1:1000
IHC	1:200-1:1000
IF	1:50
IP	1:25-1:50

Data

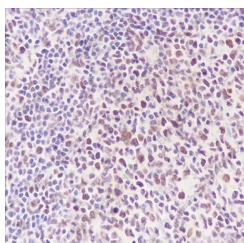


Western Blot with DNMT1 Monoclonal Antibody at dilution of 1:1000. Lane 1: Jurkat

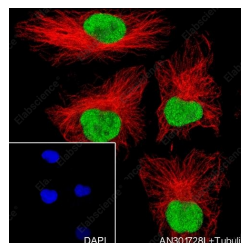
Observed-MW:200 kDa
Calculated-MW:183 kDa



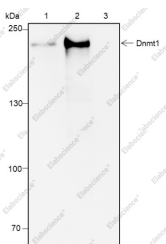
Immunohistochemistry of paraffin-embedded Human stomach using DNMT1 Monoclonal Antibody at dilution of 1:1000.



Immunohistochemistry of paraffin-embedded Human tonsil using DNMT1 Monoclonal Antibody at dilution of 1:1000.



Immunofluorescent analysis of (100% methanol) fixed HeLa cells using anti-DNMT1 Monoclonal Antibody at dilution of 1:50.



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Toll-free: 1-888-852-8623
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Rev. V1.2

Immunoprecipitation analysis using anti-DNMT1
Monoclonal Antibody. Western blot was performed from
the immunoprecipitate using DNMT1 Monoclonal
Antibody at a dilution of 1:50. Lane 1: 10% Input, Lane 2:
DNMT1 Monoclonal Antibody, Lane 3: Rabbit monoclonal
IgG Isotype

Observed-MW:200 kDa

Calculated-MW:183 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

Dnmt1 is an enzyme that transfers methyl groups to cytosine nucleotides of genomic DNA. This protein is the major enzyme responsible for maintaining methylation patterns following DNA replication and shows a preference for hemi-methylated DNA. Methylation of DNA is an important component of mammalian epigenetic gene regulation. Aberrant methylation patterns are found in human tumors and associated with developmental abnormalities.

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