

Anti-Dnmt1 Rabbit Monoclonal Antibody

Catalog Number: M00172

About DNMT1

C3 plays a central role in the activation of the complement system. Its processing by C3 convertase is the central reaction in both classical and alternative complement pathways. After activation C3b can bind covalently, via its reactive thioester, to cell surface carbohydrates or immune aggregates.

Overview

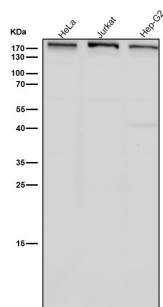
Product Name	Anti-Dnmt1 Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Dnmt1 Rabbit Monoclonal Antibody catalog # M00172. Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human, Mouse, Rat.
Application	IF, IHC, ICC, WB
Clonality	Monoclonal AODB-4
Formulation	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P26358

Technical Details

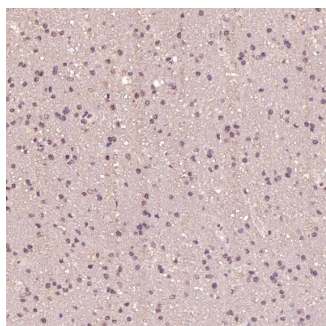
Immunogen	A synthesized peptide derived from human Dnmt1
Isotype	Rabbit IgG
Form	Liquid
Concentration	Actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	Affinity-chromatography
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used:

	WB 1:500-1:2000 IHC 1:50-1:200 ICC/IF 1:50-1:200
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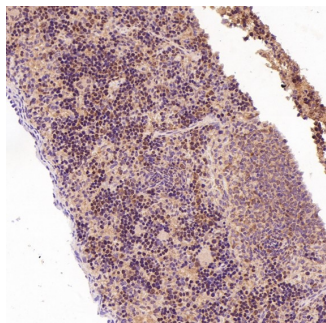
Anti-Dnmt1 Rabbit Monoclonal Antibody (M00172) Images



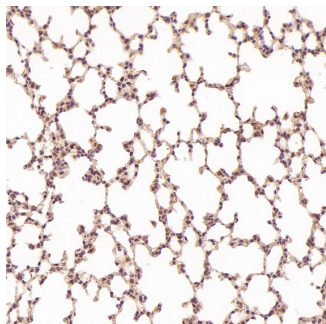
All lanes use the Antibody at 1:3K dilution for 1 hour at room temperature.



Immunohistochemical analysis of paraffin-embedded Human glioblastoma, using the Antibody at 1:100 dilution.

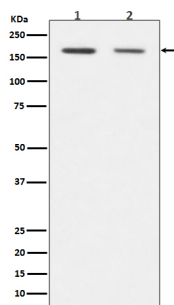
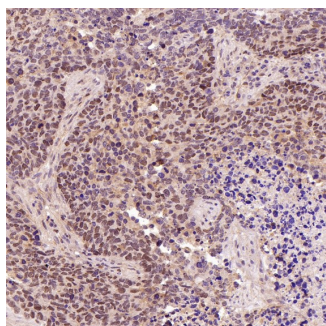


Immunohistochemical analysis of paraffin-embedded Rat spleen, using the Antibody at 1:100 dilution.



Immunohistochemical analysis of paraffin-embedded Mouse lung, using the Antibody at 1:100 dilution.

Immunohistochemical analysis of paraffin-embedded Human lung large cell cancer, using the Antibody at 1:100 dilution.



Western blot analysis of Dnmt1 expression in (1) HEK293 cell lysate; (2) NIH/3T3 cell lysate.

3 Publications Citing This Product

1. PubMed ID: 10.3892/etm.2020.9227, Melatonin prevents the binding of vascular endothelial growth factor to its receptor and promotes the expression of extracellular matrix-associated genes in nucleus pulposus cells
2. PubMed ID: 32989385, Shen C, Li Y, Chen Y, Huang L, Zhang F, Wu W. Melatonin prevents the binding of vascular endothelial growth factor to its receptor and promotes the expression of extracellular matrix-associated genes in nucleus pulposus cells. Exp Ther Med. 2020 Nov;20(5):106.doi
3. PubMed ID: 29389913, Shikonin Inhibits Migration and Invasion of Thyroid Cancer Cells by Downregulating DNMT1

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