

AB-NN241-1 DNMT1 Antibody

Pan-specific monoclonal antibody (60B1220.1) for monitoring the expression of human DNMT1



KINEXUS

Address: 8755 Ash Street, Suite 1
Vancouver, British Columbia,
Canada V6P 6T3

Email: info@kinexus.ca
Phone: 604-323-2547

Target Protein

Name Long:	DNA (cytosine-5)-methyltransferase 1 (DNMT1)
Alias:	DNA Mtase, DNMT, MCMT, DNA methyltransferase 1, AIM, CXXC9, DNMT, DNA (cytosine-5)-methyltransferase 1, CXXC-type zinc finger protein 9, DNA methyltransferase Hsal
UniProt ID:	P26358 - Human
Human Predicted Mass (KDa):	184.819 (1632 AA; P26358-2); 183.165 (1616 AA; P26358-1); 144.465 (1280 AA; P26358-3)
Observed SDS-PAGE Mass (KDa):	180

Immunogen

Antibody Immunogen Source:	Raised against a synthetic peptide corresponding to amino acids 637-650 of human DNMT1
-----------------------------------	--

Production

Antibody Host Species:	Mouse
Antibody Type:	Monoclonal
Antibody Ig Isotype Clone Lot:	77 IgG1Kappa
Antibody Purification:	Protein G purified
Amount:	25 µg
Antibody Concentration:	1 mg/ml
Lot Number:	15DE1
Storage Buffer:	Phosphate buffered saline pH 7.4, 0.05% BSA, 0.05% sodium azide
Storage Conditions and Stability:	For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles. For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles.

Applications

Product Use:	WB IHC IP ChIP
Antibody Dilution Recommended:	WB (1:500), IHC (1:500); optimal dilutions for assays should be determined by the user.
Antibody Species Reactivity:	Human Mouse Zebrafish
Antibody Positive Control:	2 µg/ml of SMC-200 was sufficient for detection of Dnmt1 in 10 µg of mouse ES cell lysate by colorimetric immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary antibody.
Target Detection Immunoblotting:	Detects a ~180 kDa protein. It will cross-react with mouse DNMT1.
Antibody Specificity:	High

This product is for in vitro research use only and is not intended for use in humans or animals.

For more information on our products please visit www.kinexusproducts.ca or contact us at 1-888-546-3987