

AB-NN242-1

Dnmt3L Antibody

Pan-specific monoclonal antibody (S117-9) for monitoring the expression of human Dnmt3L



KINEXUS

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Target Protein

Name Long:	DNA (cytosine-5)-methyltransferase 3-like (DNMT3L)
Alias:	Cytosine 5 methyltransferase 3 like protein, DNA (cytosine 5) methyltransferase 3 like, DNA (cytosine-5)-methyltransferase 3-like, DNA cytosine 5 methyltransferase 3 like protein, DNA methyltransferase 3 like protein, DNMT3L_HUMAN, Dnmt 3L, Dnmt3l, Human cytosine 5 methyltransferase 3 like protein, MGC1090
UniProt ID:	Q9UJW3 - Human
Human Predicted Mass (KDa):	43.670 (387 AA; Q9UJW3-2); 43.583 (386 AA; Q9UJW3-1)
Observed SDS-PAGE Mass (KDa):	45

Immunogen

Antibody Immunogen Source:	Fusion protein amino acids 1-387 of human DNMT3L
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Production

Antibody Host Species:	Mouse
Antibody Type:	Monoclonal
Antibody Ig Isotype Clone Lot:	10 IgG1
Antibody Purification:	Protein G purified
Amount:	25 µg
Antibody Concentration:	1 mg/ml
Lot Number:	15DE1
Storage Buffer:	Phosphate buffered saline, pH 7.4, 50% glycerol, 0.09% 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 ICC/IF IP
Antibody Dilution Recommended:	WB (1:1000), IHC (1:1000), ICC/IF (1:100); optimal dilutions for assays should be determined by the user.
Antibody Species Reactivity:	Human Mouse
Antibody Positive Control:	1 µg/ml of SMC-341 was sufficient for detection of DNMT3L in 10 µg of COS cell transiently transfected with Flag-tagged DNMT3L lysate by colorimetric immunoblot analysis using goat anti-mouse IgG:HRP as the secondary antibody.
Target Detection Immunoblotting:	Detects a ~45 kDa protein.
Antibody Specificity:	Medium
Antibody Cross Reactivities:	No cross-reactivity against DNMT3a or DNMT3B.

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