

Product Datasheet

DNMT3A Antibody (64B814.1) - BSA Free NB100-56521

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NB100-56521

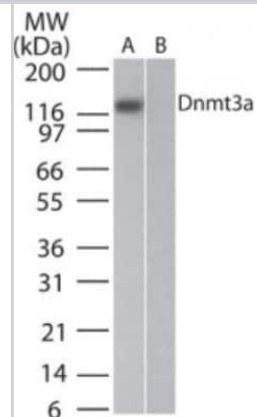
DNMT3A Antibody (64B814.1) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	64B814.1
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein G purified
Buffer	PBS
Product Description	
Description	Novus Biologicals Mouse DNMT3A Antibody (64B814.1) - BSA Free (NB100-56521) is a monoclonal antibody validated for use in WB, Flow and ICC/IF. Anti-DNMT3A Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	1788
Gene Symbol	DNMT3A
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 16631596).
Immunogen	This DNMT3A Antibody (64B814.1) was raised against bacteria expressed HIS-tag recombinant mouse Dnmt3a.
Product Application Details	
Applications	Western Blot, Flow (Intracellular), Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1-3 ug/ml, Immunocytochemistry/ Immunofluorescence 5 ug/ml, Flow (Intracellular)

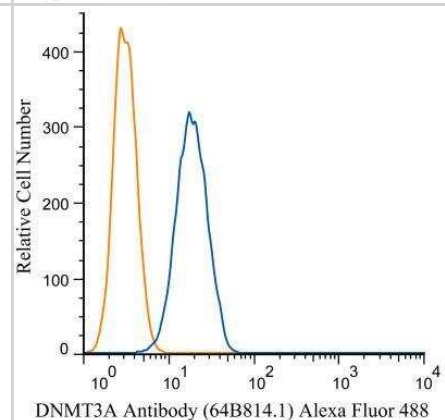


Images

Western Blot: DNMT3A Antibody (64B814.1) [NB100-56521] - Analysis of Dnmt3a in (A) Dnmt3a transfected and (B) untransfected 293 cell lysate using Dnmt3a antibody at 1 ug/ml.



Flow (Intracellular): DNMT3A Antibody (64B814.1) [NB100-56521] - Analysis of Alexa Fluor (R) 488 conjugate of NB100-56521. An intracellular stain was performed on HeLa cells with DNMT3A antibody (64B814.1) NB100-56521AF488 (blue) and a matched isotype control NBP2-27287AF488 (orange).



Publications

Kurihara, M;Kato, K;Sanbo, C;Ohkawa, Y;Shigenobu, S; Genomic profiling of PML bodies reveals transcriptional regulation by PML bodies through the DNMT3A exclusion Mol Cell 2020-05-01 [PMID: 32353257]

Sato N, Kondo M, Arai K. The orphan nuclear receptor GCNF recruits DNA methyltransferase for Oct-3/4 silencing. Biochem Biophys Res Commun. 2006-06-09 [PMID: 16631596] (WB, Mouse)

Details:

WB: Fig 2A (mouse Dnmt3a1 transiently transfected COS7 cells and mouse transiently transfected Dnmt3a2 COS-7 cells), Fig S3 (undifferentiated and differentiated primary mouse embryonic stem cells). Note: The specificity of the Dnmt3a mAb clone 64B814.1 (C



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Products Related to NB100-56521

NBL1-09970	DNMT3A Overexpression Lysate
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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