

Product Datasheet

DNMT3A Antibody (PCRP-DNMT3A-1E2) [mFluor Violet 500 SE]

NBP3-08483MFV500

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP3-08483MFV500

DNMT3A Antibody (PCRP-DNMT3A-1E2) [mFluor Violet 500 SE]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	PCRP-DNMT3A-1E2
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Conjugate	mFluor Violet 500 SE
Purity	Protein A or G purified
Buffer	50mM Sodium Borate

Product Description	
Host	Mouse
Gene ID	1788
Gene Symbol	DNMT3A
Species	Human
Specificity/Sensitivity	The specificity of this monoclonal antibody to its intended target was validated by HuProt™ Array, containing more than 19,000, full-length human proteins. DNMT3A is required for genome-wide de novo methylation and is essential for the establishment of DNA methylation patterns during development. DNA methylation is coordinated with methylation of histones. It modifies DNA in a non-processive manner and also methylates non-CpG sites. May preferentially methylate DNA linker between 2 nucleosomal cores and is inhibited by histone H1. Plays a role in paternal and maternal imprinting. Required for methylation of most imprinted loci in germ cells. Acts as a transcriptional corepressor for ZBTB18. Recruited to trimethylated 'Lys-36' of histone H3 (H3K36me3) sites. Can actively repress transcription through the recruitment of HDAC activity. Sadenosyl-L-methionin
Immunogen	Recombinant human full-length DNMT3A protein (Uniprot: Q16655)
Notes	mFluor(TM) is a trademark of AAT Bioquest, Inc. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Protein Array
Recommended Dilutions	Western Blot, Immunohistochemistry-Paraffin, Protein Array
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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Products Related to NBP3-08483MFV500

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
NBP1-43319MFV500	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1) [mFluor Violet 500 SE]
H00001788-Q01-10ug	Recombinant Human DNMT3A GST (N-Term) Protein
NBL1-09970	DNMT3A Overexpression Lysate

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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