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RNMT Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant RNMT.
Catalog # AT3679a

Product Information

Application	WB, IHC, IF, E
Primary Accession	O43148
Other Accession	BC036798
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 kappa
Clone Names	3H3-1D12
Calculated MW	54844

Additional Information

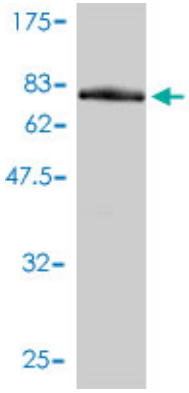
Gene ID	8731
Other Names	mRNA cap guanine-N7 methyltransferase, RG7MT1, mRNA (guanine-N(7)-)-methyltransferase, mRNA cap methyltransferase, hCMT1, hMet, hcm1p, RNMT, KIAA0398
Target/Specificity	RNMT (AAH36798, 1 a.a. ~ 476 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IHC~~1:100~500 IF~~1:50~200 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	RNMT Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

References

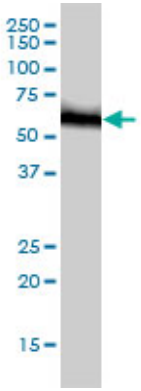
Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success genotype score. Rose JE, et al. Mol Med, 2010 Jul-Aug. PMID 20379614.An association study of 45 folate-related genes in spina bifida: Involvement of cubilin (CUBN) and tRNA aspartic acid methyltransferase 1 (TRDMT1). Franke B, et al. Birth Defects Res A Clin Mol Teratol, 2009 Mar. PMID 19161160.Human mRNA cap methyltransferase: alternative nuclear localization signal motifs ensure nuclear localization required for viability. Shafer B, et al. Mol Cell Biol, 2005 Apr. PMID 15767670.The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334.Generation and initial analysis of more than 15,000 full-length human and mouse cDNA

sequences. Strausberg RL, et al. Proc Natl Acad Sci U S A, 2002 Dec 24. PMID 12477932.

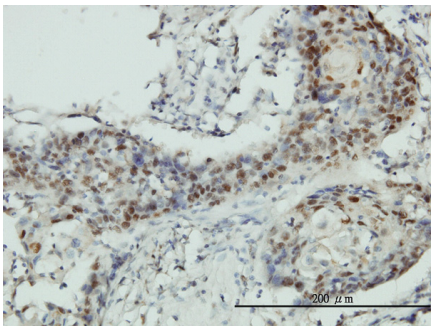
Images



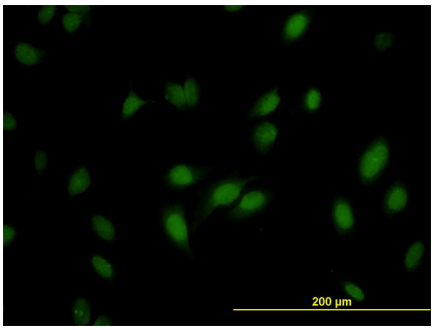
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (78.1 KDa) .



RNMT monoclonal antibody (M01), clone 3H3-1D12 Western Blot analysis of RNMT expression in HeLa ((Cat # AT3679a)

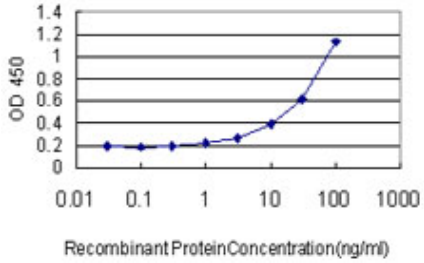


Immunoperoxidase of monoclonal antibody to RNMT on formalin-fixed paraffin-embedded human squamous cell carcinoma tissue. [antibody concentration 3 ug/ml]



Immunofluorescence of monoclonal antibody to RNMT on HeLa cell. [antibody concentration 10 ug/ml]

Detection limit for recombinant GST tagged RNMT is approximately 1ng/ml as a capture antibody.



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.