



Dnmt3b Rabbit mAb

Catalog No	BYab-17693
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB,ICC/IF
Gene Name	DNMT3B
Host	Rabbit
Immunogen	A synthesized peptide derived from human Dnmt3b Purification Affinity Chromatography Conjugation Unconjugated Modification Unmodified Form Liquid
Dilution	WB: 1/500-1/1000 IF: 1/50-1/200
Concentration	1 mg/ml
Purity	≥90%
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Synonyms	Dnmt3b; DNA methyltransferase HsaIIIB; DNMT3B
Clonality	Monoclonal Antibody
Research Field	Epigenetics and Nuclear Signaling
Molecular Weight	Calculated MW: 96 kDa; Observed MW: 97 kDa
Buffer System	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Background	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. May preferentially methylates nucleosomal DNA within the nucleosome core region. May function as transcriptional co-repressor by associating with CBX4 and independently of DNA methylation. Seems to be involved in gene silencing (By similarity).
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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