



# Dnmt3b Rabbit mAb

<b>Catalog No</b>	YP-Ab-17693
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human, Mouse, Rat
<b>Applications</b>	WB, ICC/IF
<b>Gene Name</b>	DNMT3B
<b>Host</b>	Rabbit
<b>Immunogen</b>	A synthesized peptide derived from human Dnmt3b Purification Affinity Chromatography Conjugation Unconjugated Modification Unmodified Form Liquid
<b>Dilution</b>	WB: 1/500-1/1000 IF: 1/50-1/200
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Synonyms</b>	Dnmt3b; DNA methyltransferase HsaIIIB; DNMT3B
<b>Clonality</b>	Monoclonal Antibody
<b>Research Field</b>	Epigenetics and Nuclear Signaling
<b>Molecular Weight</b>	Calculated MW: 96 kDa; Observed MW: 97 kDa
<b>Buffer System</b>	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Background</b>	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).
<b>matters needing attention</b>	Avoid repeated freezing and thawing!
<b>Usage suggestions</b>	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



## Products Images

