

## Dnmt3a Rabbit mAb

Catalog No: #58848

Package Size: #58848-1 50ul #58848-2 100ul

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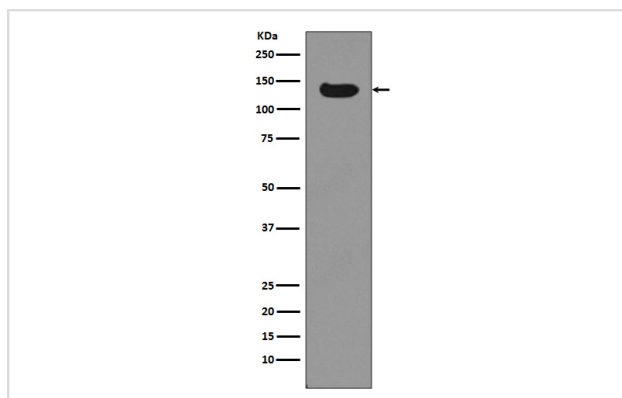
## Description

Product Name	Dnmt3a Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF FC
Species Reactivity	Human Mouse Rat
Specificity	Dnmt3a Antibody detects endogenous levels of total Dnmt3a
Immunogen Description	A synthesized peptide derived from human Dnmt3a
Other Names	DNMT3A2; M.HsaIIIA; Dnmt3a; MCMT; DNA methyltransferase 3a;
Accession No.	Uniprot:Q9Y6K1
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Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

## Application Details

WB 1:500~1:2000 IHC 1:1000~1:2000 ICC/IF 1:100~1:500 FC 1:50

## Images



Western blot analysis of Dnmt3a expression in HeLa cell lysate.

## Product Description

Methylation of DNA at cytosine residues in mammalian cells is a heritable, epigenetic modification that is critical for proper regulation of gene expression, genomic imprinting and development. Three families of mammalian DNA methyltransferases have been identified: DNMT1, DNMT2 and DNMT3. DNMT1 is constitutively expressed in proliferating cells and functions as a maintenance methyltransferase, transferring proper methylation patterns to newly synthesized DNA during replication.

## Background

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Note: This product is for in vitro research use only