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# Datasheet for ABIN5542518 anti-DNMT3B antibody (AA 1-150)

6 Images



### Overview

Quantity:	0.1 mg
Target:	DNMT3B
Binding Specificity:	AA 1-150
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This DNMT3B antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Flow Cytometry (FACS), Immunocytochemistry (ICC)

# Product Details

Immunogen:	Purified recombinant fragment of human DNMT3B (AA: 1-150) expressed in E. coli.
Clone:	7E5E9C1
Isotype:	lgG1
Purification:	purified

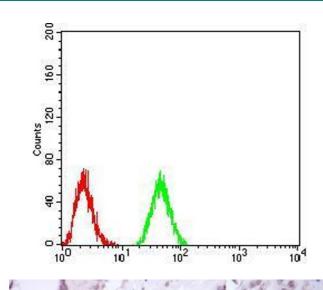
### Target Details

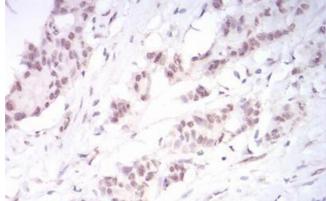
Target:	DNMT3B
Alternative Name:	DNMT3B (DNMT3B Products)
Background:	Description: CpG methylation is an epigenetic modification that is important for embryonic

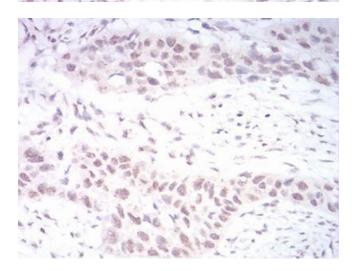
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# Target Details

	development, imprinting, and X-chromosome inactivation. Studies in mice have demonstrated
	that DNA methylation is required for mammalian development. This gene encodes a DNA
	methyltransferase which is thought to function in de novo methylation, rather than
	maintenance methylation. The protein localizes primarily to the nucleus and its expression is
	developmentally regulated. Mutations in this gene cause the immunodeficiency-centromeric
	instability-facial anomalies (ICF) syndrome. Eight alternatively spliced transcript variants have
	been described. The full length sequences of variants 4 and 5 have not been determined.,
	Aliases: ICF, ICF1, M.HsallIB
Molecular Weight:	95.8 kDa
Gene ID:	1789
HGNC:	1789
Application Details	
Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: 1:200 - 1:1000, ICC: , FCM: 1:200 - 1:400
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Purified antibody in PBS with 0.05 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Storage:	4 °C/-20 °C
Storage Comment:	4°C, -20°C for long term storage







### **Flow Cytometry**

**Image 1.** Flow cytometric analysis of K562 cells using DNMT3B mouse mAb (green) and negative control (red).

#### Immunohistochemistry

**Image 2.** Immunohistochemical analysis of paraffinembedded colon cancer tissues using DNMT3B mouse mAb with DAB staining.

Immunohistochemistry				
Image 3. Immunohistochemical analysis of paraffin-				
embedded esophageal cancer tissues using DNMT3B				
mouse mAb with DAB staining.				

Please check the product details page for more images. Overall 6 images are available for ABIN5542518.

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