

Datasheet for ABIN5542517
anti-DNMT3B antibody (AA 1-150)

6 Images

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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:	4D1A2E5
Isotype:	IgG2a
Purification:	purified

Target Details

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

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.HsaIIIB

Molecular Weight:	95.8 kDa
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Gene ID:	1789
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HGNC:	1789
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Application Details

Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: , ICC: 1:200 - 1:1000, FCM: 1:200 - 1:400
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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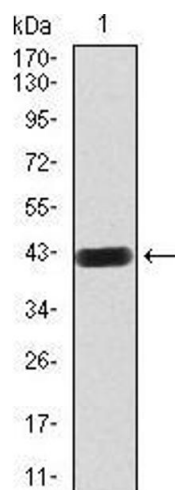
Buffer:	Purified antibody in PBS with 0.05 % sodium azide
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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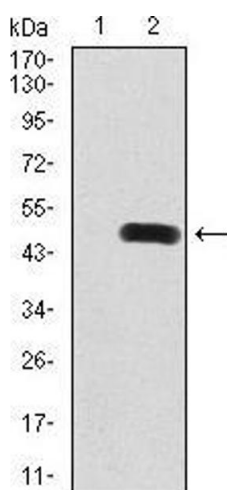
Storage:	4 °C/-20 °C
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Storage Comment:	4°C, -20°C for long term storage
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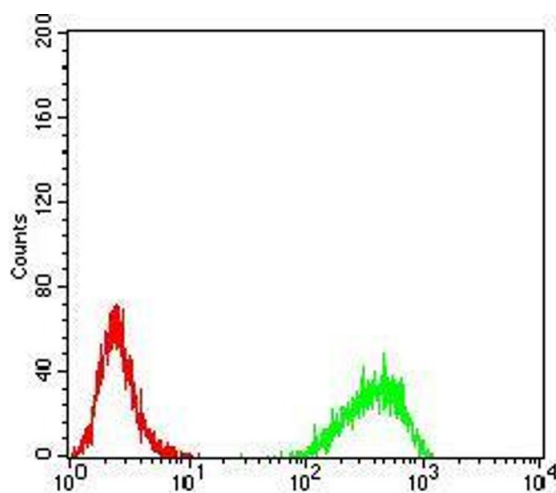
Western Blotting

Image 1. Western blot analysis using DNMT3B mAb against human DNMT3B (AA: 1-150) recombinant protein. (Expected MW is 42.6 kDa)



Western Blotting

Image 2. Western blot analysis using DNMT3B mAb against HEK293 (1) and DNMT3B (AA: 1-150)-hlgGfC transfected HEK293 (2) cell lysate.



Flow Cytometry

Image 3. Flow cytometric analysis of K562 cells using DNMT3B mouse mAb (green) and negative control (red).

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN5542517.