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# Datasheet for ABIN5542474 anti-CBX3 antibody (AA 1-183)

6 Images



### Overview

Quantity:	0.1 mg
Target:	CBX3
Binding Specificity:	AA 1-183
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CBX3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunocytochemistry (ICC), Flow Cytometry (FACS)

# Product Details

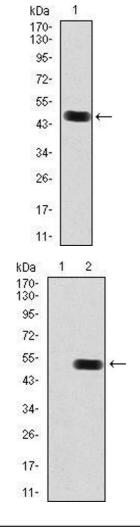
Immunogen:	Purified recombinant fragment of human CBX3 (AA: 1-183) expressed in E. coli.
Clone:	6D1C4
Isotype:	lgG1
Purification:	purified

## Target Details

Target:	CBX3
Alternative Name:	CBX3 (CBX3 Products)
Background:	Description: At the nuclear envelope, the nuclear lamina and heterochromatin are adjacent to

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	the inner nuclear membrane. The protein encoded by this gene binds DNA and is a component
	of heterochromatin. This protein also can bind lamin B receptor, an integral membrane protein
	found in the inner nuclear membrane. The dual binding functions of the encoded protein may
	explain the association of heterochromatin with the inner nuclear membrane. This protein binds
	histone H3 tails methylated at Lys-9 sites. This protein is also recruited to sites of ultraviolet-
	induced DNA damage and double-strand breaks. Two transcript variants encoding the same
	protein but differing in the 5' UTR, have been found for this gene.,
	Aliases: HECH, HP1-GAMMA, HP1Hs-gamma
Molecular Weight:	20.8 kDa
Gene ID:	11335
HGNC:	11335
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

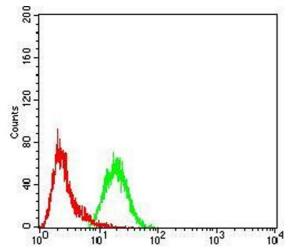


## Western Blotting

**Image 1.** Western blot analysis using CBX3 mAb against human CBX3 (AA: 1-183) recombinant protein. (Expected MW is 46.8 kDa)

#### Western Blotting

**Image 2.** Western blot analysis using CBX3 mAb against HEK293 (1) and CBX3 (AA: 1-183)-hIgGFc transfected HEK293 (2) cell lysate.



#### **Flow Cytometry**

**Image 3.** Flow cytometric analysis of A431 cells using CBX3 mouse mAb (green) and negative control (red).

Please check the product details page for more images. Overall 6 images are available for ABIN5542474.

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