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anti-SETD2 antibody (AA 2054-2245)





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Overview

Quantity:	0.1 mg
Target:	SETD2
Binding Specificity:	AA 2054-2245
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Immunogen:	Purified recombinant fragment of human SETD2 (AA: 2054-2245) expressed in E. coli.
Clone:	4G11E6
Isotype:	lgG1
Purification:	purified

Target Details

Target:	SETD2
Alternative Name:	SETD2 (SETD2 Products)
Background:	Description: Huntington's disease (HD), a neurodegenerative disorder characterized by loss of striatal neurons, is caused by an expansion of a polyglutamine tract in the HD protein huntingtin. This gene encodes a protein belonging to a class of huntingtin interacting proteins
	characterized by WW motifs. This protein is a histone methyltransferase that is specific for

lysine-36 of histone H3, and methylation of this residue is associated with active chroma	tin.
This protein also contains a novel transcriptional activation domain and has been found	
associated with hyperphosphorylated RNA polymerase II. [provided by RefSeq, Aug 2008	
Aliases: LLS, HYPB, SET2, HIF-1, HIP-1, KMT3A, HBP231, HSPC069, p231HBP	

Molecular Weight:	287.6 kDa
Gene ID:	29072
Pathways:	Tube Formation

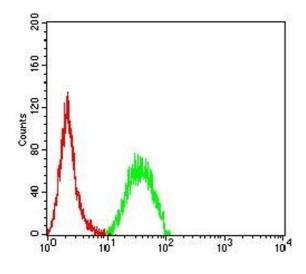
Application Details

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

Handling

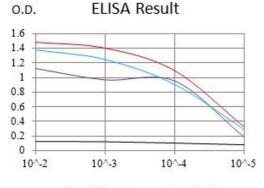
Buffer:	Purified antibody in PBS with 0.05 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C/-20 °C
Storage Comment:	4°C, -20°C for long term storage

Images



Flow Cytometry

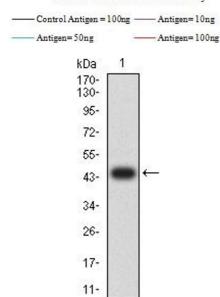
Image 1. Flow cytometric analysis of Hela cells using SETD2 mouse mAb (green) and negative control (red).



ELISA

Image 2. Black line: Control Antigen (100 ng), Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line: Antigen (100 ng)

Serial Dilutions of Antibody



Western Blotting

Image 3. Western blot analysis using SETD2 mAb against human SETD2 (AA: 2054-2245) recombinant protein. (Expected MW is 47.4 kDa)

Please check the product details page for more images. Overall 4 images are available for ABIN7193416.