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anti-XIAP antibody (AA 1-268)





Overview

Quantity:	0.1 mg
Target:	XIAP
Binding Specificity:	AA 1-268
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Immunogen:	Purified recombinant fragment of human XIAP (AA: 1-268) expressed in E. coli.
Clone:	4C12G10
Isotype:	lgG2b
Purification:	purified

Target Details

Target:	XIAP
Alternative Name:	XIAP (XIAP Products)
Background:	Description: This gene encodes a protein that belongs to a family of apoptotic suppressor
	proteins. Members of this family share a conserved motif termed, baculovirus IAP repeat, which
	is necessary for their anti-apoptotic function. This protein functions through binding to tumor
	necrosis factor receptor-associated factors TRAF1 and TRAF2 and inhibits apoptosis induced

Target Details

by menadione, a potent inducer of free radicals, and interleukin 1-beta converting enzyme. This
protein also inhibits at least two members of the caspase family of cell-death proteases,
caspase-3 and caspase-7. Mutations in this gene are the cause of X-linked lymphoproliferative
syndrome. Alternate splicing results in multiple transcript variants. Pseudogenes of this gene
are found on chromosomes 2 and 11.[provided by RefSeq, Feb 2011]
Aliases: API3, ILP1, MIHA, XLP2, BIRC4, IAP-3, hIAP3, hIAP-3

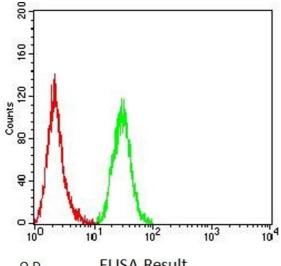
Molecular Weight:	56.7 kDa
Gene ID:	331
Pathways:	Apoptosis, Caspase Cascade in Apoptosis, Transition Metal Ion Homeostasis

Application Details

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

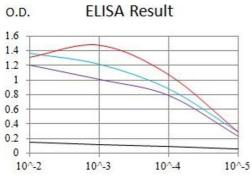
Handling

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



Flow Cytometry

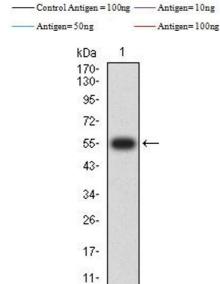
Image 1. Flow cytometric analysis of Hela cells using XIAP mouse mAb (green) and negative control (red).



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 XIAP mAb against human XIAP (AA: 1-268) recombinant protein. (Expected MW is 56.3 kDa)

Please check the product details page for more images. Overall 4 images are available for ABIN7193408.