Datasheet for ABIN968133

anti-XIAP antibody (AA 268-426)

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Overview

Quantity:	150 µg
Target:	XIAP
Binding Specificity:	AA 268-426
Reactivity:	Human, Mouse, Dog
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunoprecipitation (IP)

Product Details

Immunogen:	Human hILP/XIAP aa. 268-426
Clone:	28-hILP-XIAP
Isotype:	IgG1
Cross-Reactivity:	Dog (Canine), Mouse (Murine)
Characteristics:	1. Since applications vary, each investigator should titrate the reagent to obtain optimal results. 2. Please refer to us for technical protocols. 3. Source of all serum proteins is from USDA inspected abattoirs located in the United States. 4. Caution: Sodium azide yields highly toxic hydrazoic acid under acidic conditions. Dilute azide compounds in running water before discarding to avoid accumulation of potentially explosive deposits in plumbing.
Purification:	The monoclonal antibody was purified from tissue culture supernatant or ascites by affinity

Product Details

	chromatography.

Target Details

Target:	XIAP
Alternative Name:	hILP (XIAP Products)
Background:	Apoptosis is a genetically programmed, selective process of cell death that occurs during normal cell differentiation and development of multicellular organisms. Viruses depend on the biosynthetic machinery of their host cell for the production of progeny and survival. Therefore, many viruses encode proteins that protect the cell from apoptosis. hILP (human IAP-like protein) is a human homologue of the viral IAP (Inhibitor of Apoptosis Protein). hILP is a widely expressed cytoplasmic protein of 497 amino acids with three BIR (Baculovirus IAP repeats) domains and a C-terminal RING finger domain. hILP-transfected cells are protected against the apoptotic effects of Sindbis virus infection and ICE (interleukin-1beta converting enzyme) expression. This product is sold under license from Aegera Therapeutics, Inc. This antibody is routinely tested by western blot analysis. Synonyms: hILP
Molecular Weight:	57 kDa
Pathways:	Apoptosis, Caspase Cascade in Apoptosis, Transition Metal Ion Homeostasis

Application Details

Comment:	Related Products: ABIN968535, ABIN967389
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	250 µg/mL
Buffer:	Aqueous buffered solution containing BSA, glycerol, and ≤0.09 % 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:	-20 °C

Handling

Storage Comment:	Store undiluted at -20° C.

Publications

Product cited in:

Birkey Reffey, Wurthner, Parks, Roberts, Duckett: "X-linked inhibitor of apoptosis protein functions as a cofactor in transforming growth factor-beta signaling." in: **The Journal of biological chemistry**, Vol. 276, Issue 28, pp. 26542-9, (2001) (PubMed).

Lee, Shacter: "Fas aggregation does not correlate with Fas-mediated apoptosis." in: **Journal of immunology (Baltimore, Md. : 1950)**, Vol. 167, Issue 1, pp. 82-9, (2001) (PubMed).

Wang, Gastman, Wieckowski, Goldstein, Rabinovitz, Yin, Rabinowich: "Apoptosis-resistant mitochondria in T cells selected for resistance to Fas signaling." in: **The Journal of biological chemistry**, Vol. 276, Issue 5, pp. 3610-9, (2001) (PubMed).

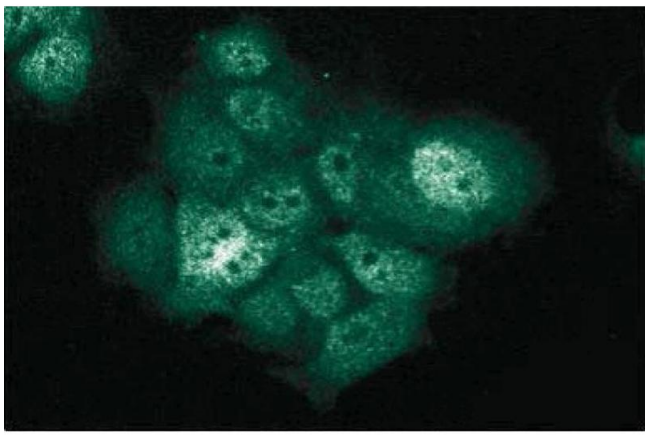
Yang, Fang, Jensen, Weissman, Ashwell: "Ubiquitin protein ligase activity of IAPs and their degradation in proteasomes in response to apoptotic stimuli." in: **Science (New York, N.Y.)**, Vol. 288, Issue 5467, pp. 874-7, (2000) (PubMed).

Duckett, Nava, Gedrich, Clem, Van Dongen, Gilfillan, Shiels, Hardwick, Thompson: "A conserved family of cellular genes related to the baculovirus iap gene and encoding apoptosis inhibitors." in: **The EMBO journal**, Vol. 15, Issue 11, pp. 2685-94, (1996) (PubMed).

Images

Western Blotting

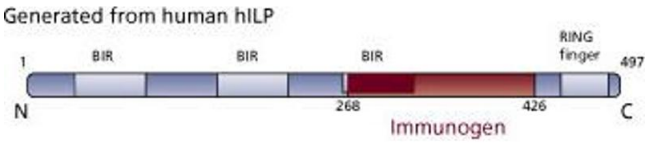
Image 1. Western blot analysis of XIAP on HeLa cell lysate. Lane 1: 1:250, lane 2: 1:500, lane 3: 1: 1000 dilution of anti-XIAP/hILP.



Immunofluorescence

Image 2. Immunofluorescent staining of MCF7 cells with anti-XIAP/hILP antibody.

Image 3.



Please check the product details page for more images. Overall 4 images are available for ABIN968133.