

Datasheet for ABIN500020

anti-ILP-2 antibody

2 Images

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Overview

Quantity:	0.1 mg
Target:	ILP-2 (BIRC8)
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ILP-2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Human ILP-2 Peptide
Isotype:	IgG
Specificity:	ILP-2 antibody was raised with against a synthetic peptide corresponding to amino acids near the amino terminus of human ILP-2.
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	ILP-2 (BIRC8)
Alternative Name:	BIRC8 / ILP2 (BIRC8 Products)
Background:	Apoptosis, or programmed cell death, is related to many diseases, such as cancer. Apoptosis is triggered by a variety of stimuli including members in the TNF family and prevented by the inhibitor of apoptosis (IAP) proteins. IAP proteins form a conserved gene family including IAP,

Target Details

XIAP/ILP-1/MIHA, and Livin/KIAP that bind to and inhibits specific proteases. A novel member in the IAP protein family was recently identified and designated ILP-2 for IAP-like protein-2 (1). ILP-2 has high homology to ILP-1, but is encoded by a distinct gene that is solely expressed in testis of tested normal human tissues (1). ILP-2, unlike ILP-1, has no inhibitory effect on Fas and TNF induced apoptosis, but potently inhibits apoptosis induced by overexpression of Bax or by coexpression of caspase-9 with Apaf-1. ILP-2 interacts with the processed caspase-9. These results suggest that ILP-2 is a novel IAP family member with restricted specificity for caspase-9. Synonyms: Baculoviral IAP repeat-containing protein 8, IAP-like protein 2, ILP-2, Inhibitor of apoptosis-like protein 2, Testis-specific inhibitor of apoptosis

Gene ID: 112401

NCBI Accession: [NP_203127](#)

UniProt: [Q96P09](#)

Application Details

Application Notes: ELISA. Western Blot: 1 to 2 µg/mL. Human HepG2 or MOLT4 cell lysate can be used as a positive control and a band at approximately 33 kDa can be detected. Immunocytochemistry. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

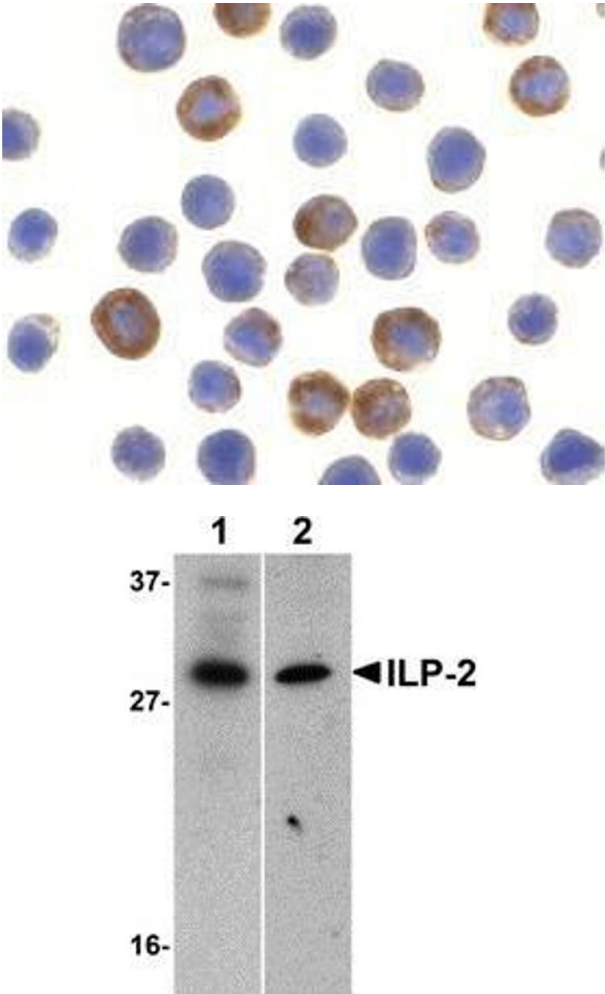
Buffer: PBS containing 0.02 % sodium azide.

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

Storage Comment: Store the antibody undiluted at 2-8 °C.



Immunofluorescence

Image 1. Immunocytochemistry of ILP-2 in HepG2 cells with AP30430PU-N ILP-2 antibody at 10 µg/ml.

Western Blotting

Image 2. Western blot analysis of ILP-2 expression in human HepG2 (lane 1) and MOLT4 (lane 2) cell lysates with AP30430PU-N ILP-2 antibody at 1 µg/ml.