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Datasheet for ABIN902645

anti-ILP-2 antibody (AA 141-236) (Alexa Fluor 647)

Overview

Quantity:	100 µL
Target:	ILP-2 (BIRC8)
Binding Specificity:	AA 141-236
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ILP-2 antibody is conjugated to Alexa Fluor 647
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ILP2
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human,Mouse,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	ILP-2 (BIRC8)
Alternative Name:	ILP2 (BIRC8 Products)

Target Details

Background:	<p>Synonyms: Baculoviral IAP repeat containing 8, Baculoviral IAP repeat containing protein 8, Baculoviral IAP repeat-containing protein 8, BIRC 8, BIRC8, BIRC8 protein, BIRC8_HUMAN, hILP 2, hILP2, IAP like protein 2, IAP-like protein 2, ILP 2, ILP-2, Inhibitor of apoptosis like protein 2, Inhibitor of apoptosis-like protein 2, Testis specic inhibitor of apoptosis, Testis-specific inhibitor of apoptosis.</p> <p>Background: Protects against apoptosis mediated by BAX. 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, 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.</p>
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Gene ID: 112401

Application Details

Application Notes:	IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling

Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months