Nur für Forschungszwecke

XIAP Monoklonaler Antikörper

Katalog-Nr.:66800-1-Ig Vorgestelltes Produkt 5 Publikationen

proteintech®
Antibodies | ELISA kits | Proteins
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Allgemeine Informationen

Katalog-Nr.:
66800-1-Ig

Größe:
150ul , Konzentration: 900 μg/ml von Nanodrop und 500 μg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt:
Maus

Isotyp:
IgG1

Immunogen Katalognummer:
AG18088

GenBank-Zugangsnummer:
BC032729

GeneID (NCBI):
331

Vollständiger Name:
X-linked inhibitor of apoptosis

Berechneté Masse:
60 kDa

Beobachteté Masse:
57 kDa

Reinigungsmethode:
Protein-G-Reinigung

CloneNo.:
2A1A12

Empfohlene Verdünnungen:
WB 1:5000-1:50000
IHC 1:250-1:1000
IF 1:200-1:800

Anwendungen

Geprüfte Anwendungen:
FC, IF, IHC, WB, ELISA

In Publikationen genannte Anwendungen:
IHC, WB

Getestete Reaktivität:
Human, Maus, Ratte

Zitierte Arten:
Human, Maus

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB : LNCaP-Zellen, HEK-293T-Zellen, HEK-293-Zellen, HeLa-Zellen, HepG2-Zellen, Jurkat-Zellen

IHC : humanes Kolongewebe, humanes Lungenkarzinomgewebe

IF : humanes Kolonkarzinomgewebe,

Hintergrundinformationen

XIAP, also named as API3, BIRC4 and IAP3, belongs to the IAP family. It has E3 ubiquitin-protein ligase activity. It mediates the proteasomal degradation of target proteins, such as caspase-3, SMAC or AIFM1. XIAP is an inhibitor of caspase-3, -7 and -9. It mediates activation of MAP3K7/TAK1, leading to the activation of NF-kappa-B. XIAP is an apoptotic suppressor. It is ubiquitinated and degraded by the proteasome in apoptotic cells.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Jingwen Tan	36208777	Chem Biol Interact	WB
Siwen Yin	35154432	Oncol Lett	WB
Yuhui Liu	33613115	Int J Biol Sci	WB

Lagerung

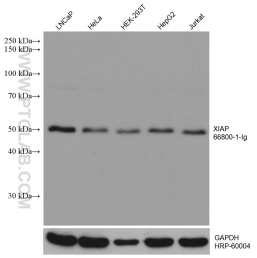
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C lagerung

*** 20ul-Größen enthalten 0.1% BSA

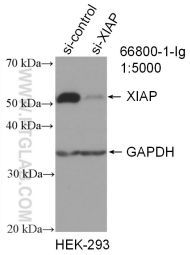
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

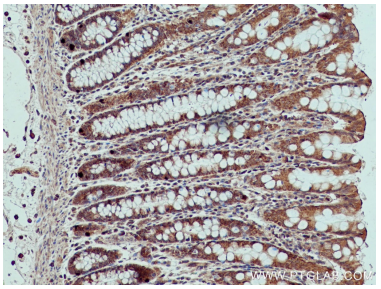
Ausgewählte Validierungsdaten



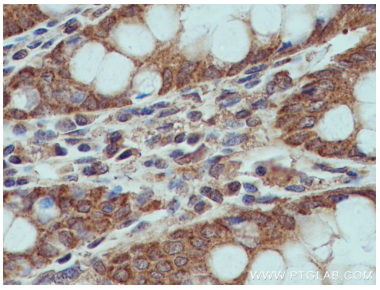
Various lysates were subjected to SDS PAGE followed by western blot with 66800-1-Ig (XIAP antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.



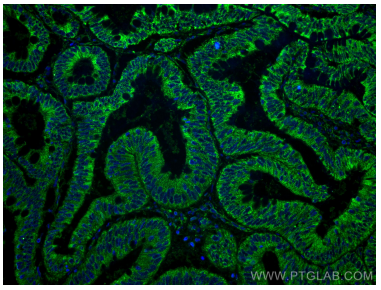
WB result of XIAP antibody (66800-1-Ig; 1:5000; incubated at room temperature for 1.5 hours) with sh-Control and sh-XIAP transfected HEK-293 cells.



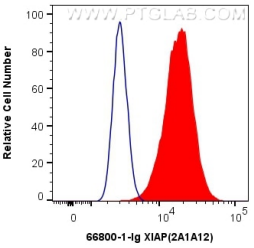
Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 66800-1-Ig (XIAP antibody) at dilution of 1:500 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 66800-1-Ig (XIAP antibody) at dilution of 1:500 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed human colon cancer tissue using XIAP antibody (66800-1-Ig, Clone: 2A1A12) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



1X10^6 HeLa cells were intracellularly stained with 0.4 ug Anti-Human XIAP (66800-1-Ig, Clone:2A1A12) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).