

For Research Use Only

XIAP Monoclonal antibody, PBS Only



Catalog Number: 66800-1-PBS

Featured Product

Basic Information

Catalog Number: 66800-1-PBS	GenBank Accession Number: BC032729	Purification Method: Protein G purification
Size: 1 mg/ml	GeneID (NCBI): 331	CloneNo.: 2A1A12
Source: Mouse	UNIPROT ID: P98170	
Isotype: IgG1	Full Name: X-linked inhibitor of apoptosis	
Immunogen Catalog Number: AG18088	Calculated MW: 60 kDa	
	Observed MW: 57 kDa	

Applications

Tested Applications:
WB, Indirect ELISA, IHC, IF, FC

Species Specificity:
Human, mouse, rat

Background Information

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.

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:

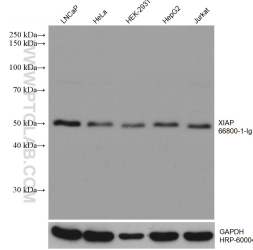
T: 4006900926

E: Proteintech-CN@ptglab.com

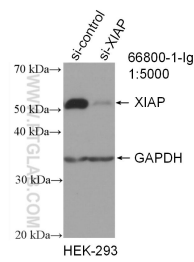
W: ptgcn.com

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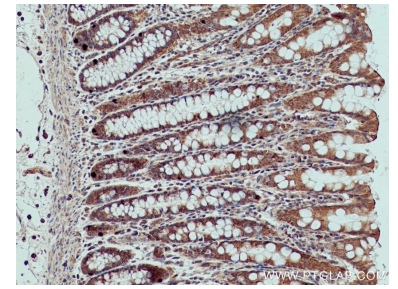
Selected Validation Data



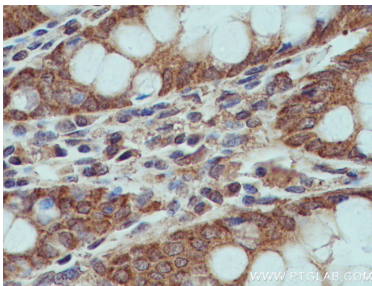
Various lysates were subjected to SDS PAGE followed by western blot with 66800-1-Ig (XIAP antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control. This data was developed using the same antibody clone with 66800-1-PBS in a different storage buffer formulation.



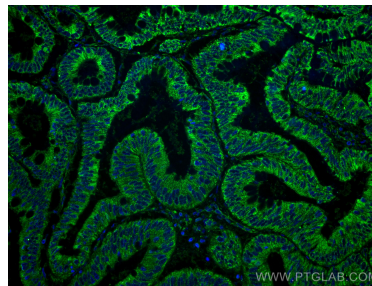
WB result of XIAP antibody (66800-1-Ig; 1:5000; incubated at room temperature for 1.5 hours) with sh-Control and sh-XIAP transfected HEK-293 cells. This data was developed using the same antibody clone with 66800-1-PBS in a different storage buffer formulation.



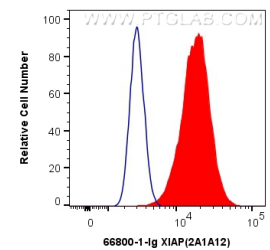
Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 66800-1-Ig (XIAP antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66800-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 66800-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 66800-1-PBS in a different storage buffer formulation.



1×10^6 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). This data was developed using the same antibody clone with 66800-1-PBS in a different storage buffer formulation.