

## [KD Validated] Anti-XIAP Mouse mAb

Purified Recombinant Rabbit Monoclonal Antibody

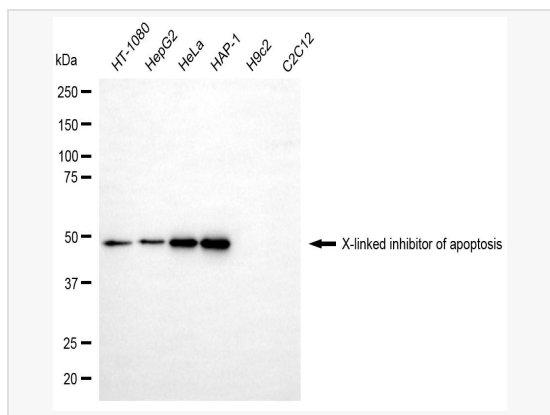
Catalog # M020668

### Product Information

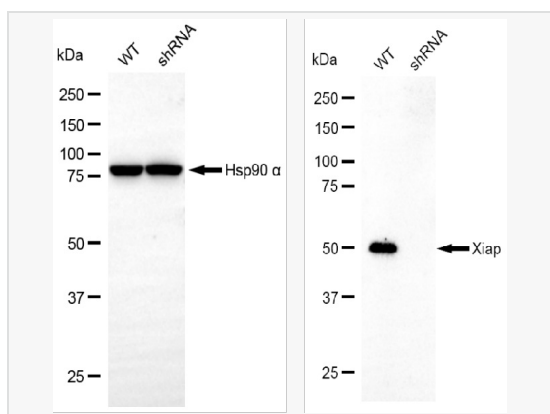
Application	WB, FC
Reactivity	Human
Dilution	WB 1:1,000~1:5,000; FC 1:200~1:2,000
Host	Mouse
Clonality	Monoclonal
Clone No.	38P42S31
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant protein of human XIAP
Format	Affinity purified monoclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 12 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	[KD Validated] Anti-XIAP Mouse mAb [38P42S31] is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

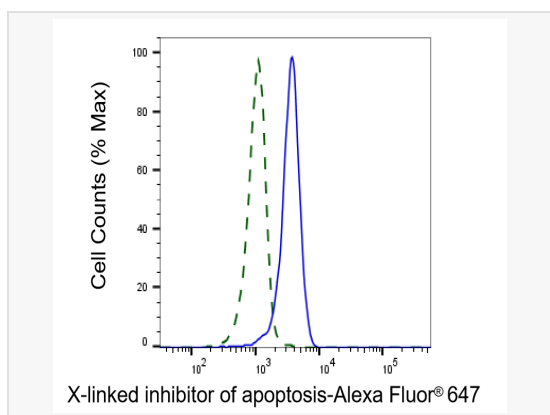
Synonyms	XIAP; X-Linked Inhibitor Of Apoptosis; BIRC4; HILP; API3; X-Linked Inhibitor Of Apoptosis, E3 Ubiquitin Protein Ligase; Baculoviral IAP Repeat-Containing Protein 4; RING-Type E3 Ubiquitin Transferase XIAP; E3 Ubiquitin-Protein Ligase XIAP; Inhibitor Of Apoptosis Protein 3; IAP-Like Protein 1; X-Linked IAP; HIAP-3; ILP-1; IAP-3; HIAP3; X-Linked Inhibitor Of Apoptosis Protein; Baculoviral IAP Repeat-Containing 4; IAP-Like Protein; EC 2.3.2.27; ILP1; MIHA; XLP2; IAP3; ILP.
Calculated MW	Calculated MW: 57 kDa; Observed MW: 49 kDa
Uniprot ID	P98170
Gene ID	331
Background	This gene encodes a protein that belongs to a family of apoptotic suppressor proteins. Members of this family share a conserved motif termed, baculovirus IAP repeat, which is necessary for their anti-apoptotic function. This protein functions through binding to tumor necrosis factor receptor-associated factors TRAF1 and TRAF2 and inhibits apoptosis induced by menadione, a potent inducer of free radicals, and interleukin 1-beta converting enzyme.



Western blotting analysis using X-linked inhibitor of apoptosis antibody (M020668). Total cell lysates (30  $\mu$ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with X-linked inhibitor of apoptosis antibody (M020668, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody (1:20,000) respectively. Image was developed using ECL Substrate Kit.



Western blotting analysis using X-linked inhibitor of apoptosis antibody (M020668). X-linked inhibitor of apoptosis expression in wild-type (WT) and X-linked inhibitor of apoptosis (XIAP) shRNA knockdown (KD) HT-1080 cells with 20  $\mu$ g of total cell lysates. Hsp90  $\alpha$  serves as a loading control. The blot was incubated with X-linked inhibitor of apoptosis antibody (M020668, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody (1:20,000) respectively. Image was developed using ECL Substrate Kit.



Validation of X-linked inhibitor of apoptosis knockdown using flow cytometry. Wild-type(WT, Blue) and knockdown(KD, Green) HT-1080 cells were stained with X-linked inhibitor of apoptosis antibody (M020668, 1:2,000) and analyzed using BD flow cytometer.