

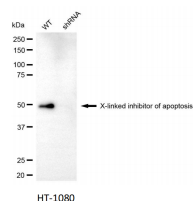
**bsm-51607M****[ Primary Antibody ]****Bioss**  
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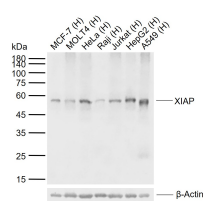
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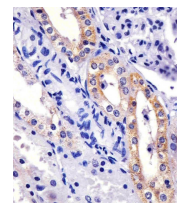
400-901-9800

**XIAP Mouse mAb****— DATASHEET —****Host:** Mouse**Clonality:** Monoclonal**GeneID:** 331**Target:** XIAP**Purification:** affinity purified by Protein G**Concentration:** 1mg/ml**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.  
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.**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. This protein also inhibits at least two members of the caspase family of cell-death proteases, caspase-3 and caspase-7. Mutations in this gene are the cause of X-linked lymphoproliferative syndrome. Alternate splicing results in multiple transcript variants. Pseudogenes of this gene are found on chromosomes 2 and 11.[provided by RefSeq, Feb 2011]**Isotype:** IgG1,k**CloneNo.:** D1G6**SWISS:** P98170**Applications:** **WB** (1:500-5000)**IHC-P** (1:20-100)**IHC-F** (1:20-100)**IF** (1:20-100)**Reactivity:** Human**Predicted**  
**MW.:** 55 kDa**Subcellular**  
**Location:** Cytoplasm**— VALIDATION IMAGES —**

25 ug total protein per lane of various lysates (see on figure) probed with XIAP monoclonal antibody, unconjugated (bsm-51607M) at 1:5000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Sample: Lane 1: Human MCF-7 cell lysates Lane 2: Human MOLT4 cell lysates Lane 3: Human HeLa cell lysates Lane 4: Human Raji cell lysates Lane 5: Human Jurkat cell lysates Lane 6: Human HepG2 cell lysates Lane 7: Human A549 cell lysates Primary: Anti-XIAP (bsm-51607M) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 55 kDa Observed band size: 55 kDa



Paraformaldehyde-fixed, paraffin embedded (Human kidney section); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (XIAP) Monoclonal Antibody, Unconjugated (bsm-51607M) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Mouse)(sp-0024) instructions and DAB staining.