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Bag1 mouse mAb

Catalog NoYP-Ab-00106IsotypeIgGReactivity0ApplicationsWBGene Namebag1Protein NameImmunogenPurified recombinant human Bag1 protein fragments expressed in E.coli.SpecificityTransfectedFormulationLiquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.SourceMonoclonal, MousePurificationThe antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.Dilutionthe antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.Dilutionthe antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.Dilutionthe antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.Dilutionthe antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.Dilutionthe antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.Dilutionthe antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.SynonymsBag 1;BAG family molecular chaperone regulator 1;BAG-1;BAG1;BAG1_HUMAN;BCL 2 Associated Athanogene 1;BCL 2 associated athanogene 1;BCL 2 associated athanogene 1;		
Reactivity 0 Applications WB Gene Name bag1 Protein Name	Catalog No	YP-Ab-00106
Applications WB Gene Name bag1 Protein Name Immunogen Purified recombinant human Bag1 protein fragments expressed in E.coli. Specificity Transfected Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Monoclonal, Mouse Purification The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen. Dilution wb dilution 1:1000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms Bag 1;BAG family molecular chaperone regulator 1;BCL2 associated athanogene 1;BCL2 asso	Isotype	lgG
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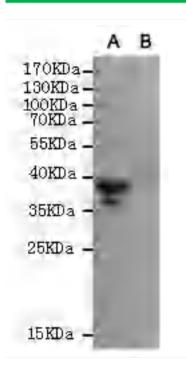
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Website: www.upingBio.com

	lymphoma cell lines. Isoform 1 is expressed in the prostate, breast and leukemia cell lines. Isoform 3 is the least abundant isoform in tumor cell lines (at protein level).
Function	disease:May be linked to the cryptophthalmos syndrome (Fraser syndrome), an autosomal recessive disorder characterized by the failure of eyes fissures to form during embryogenesis, webbed fingers, and atresia of ear canals, anus, vagina, alimentary tract, or larynx. All these developmental processes require cell death.,function:Inhibits the chaperone activity of HSP70/HSC70 by promoting substrate release. Inhibits the pro-apoptotic function of PPP1R15A, and has anti-apoptotic activity. Markedly increases the anti-cell death function of BCL2 induced by various stimuli.,PTM:Ubiquitinated; mediated by SIAH1 or SIAH2 and leading to its subsequent proteasomal degradation.,similarity:Contains 1 BAG domain.,similarity:Contains 1 ubiquitin-like domain.,subcellular location:Isoform2 localizes to the cytoplasm and shuttles into the nucleus in response to heat shock.,subunit:Binds to the ATPase dom
Background	The oncogene BCL2 is a membrane protein that blocks a step in a pathway leading to apoptosis or programmed cell death. The protein encoded by this gene binds to BCL2 and is referred to as BCL2-associated athanogene. It enhances the anti-apoptotic effects of BCL2 and represents a link between growth factor receptors and anti-apoptotic mechanisms. Multiple protein isoforms are encoded by this mRNA through the use of a non-AUG (CUG) initiation codon, and three alternative downstream AUG initiation codons. A related pseudogene has been defined on chromosome X. [provided by RefSeq, Feb 2010],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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Western blot analysis of extracts from CHO-K1 cells, transfected with a human pEGFP-C1-BAG1 construct (A) or transfected with a human pEGFP-C1 construct (B), using Bag1 mouse mAb (1:1000 diluted).