

Mouse anti-Human BAG2 Monoclonal Antibody | anti-BAG2 antibody

BAG2 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA48256	Mouse	Human	Immunofluorescence, Immunocytochemistry, Western Blot, ELISA

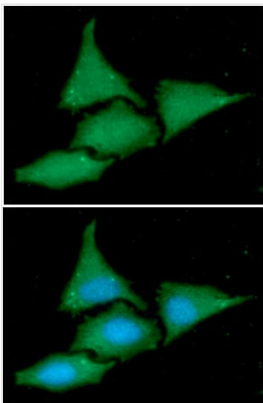
PRODUCT SYNONYMS

BAG2; Monoclonal Antibody; BAG2 antibody; BCL2-associated athanogene 2; BAG-2; anti-BAG2 antibody

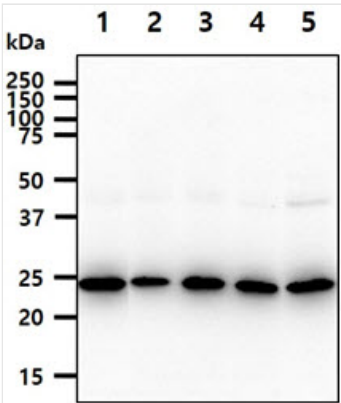
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a, k
Clone Number	AT29E9
Purity/Purification	By protein-A affinity chromatography
Form/Format	Liquid. In phosphate-buffered saline (pH 7.4) with 0.02% Sodium Azide, 10% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	211
Applicable Applications for anti-BAG2 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Antigen Species	Human
Immunogen	Recombinant human BAG2 (1-211aa) purified from E. coli
Clone Note	Anti-human BAG2 mAb, clone AT29E9, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human BAG2 protein.
Preparation and Storage	Can be stored at 4 degree C. For long term storage, aliquot and store at -20 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



IF (Immunofluorescence)
ICC/IF analysis of BAG2 in HeLa cells line, stained with DAPI (Blue) for nucleus staining and monoclonal anti-human BAG2 antibody (1:100) with goat anti-mouse IgG-Alexa fluor 488 conjugate (Green).



WB (Western Blot)
The cell lysates (40ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human BAG2 antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system. Lane 1.: Jurkat cell lysate Lane 2.: A549 cell lysate Lane 3.: K562 cell lysate Lane 4.: HepG2 cell lysate Lane 5.: HeLa cell lysate

ADDITIONAL INFORMATION

Related Product Information for anti-BAG2 antibody	BCL2-associated athanogene 2, also known as BAG2, is a member of the Bag family of proteins. BAG proteins compete with Hip for binding to the Hsc70/Hsp70 ATPase domain. BAG2 is a major component of the HSC 70/CHIP chaperone-dependent ubiquitin ligase complex and acts to disrupt CHIP-mediated ubiquitylation.
Product Categories/Family for anti-BAG2 antibody	Apoptosis
References	Takayama S., et al. (1999) J Biol Chem. 274: 781-786.; Arndt V., et al. (2005) CHIP Mol Biol Cell. 16: 5891-5900.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4757834
NCBI GeneID	9532
NCBI Accession #	NP_004273
NCBI GenBank Nucleotide #	NM_004282.3
UniProt Accession #	O95816; Q08AS9; Q6FID0; B4DXE2
Molecular Weight	20,189 Da
NCBI Official Full Name	BAG family molecular chaperone regulator 2
NCBI Official Synonym Full Names	BCL2 associated athanogene 2
NCBI Official Symbol	BAG2
NCBI Official Synonym Symbols	BAG-2; dJ41711.2
NCBI Protein Information	BAG family molecular chaperone regulator 2
UniProt Protein Name	BAG family molecular chaperone regulator 2
UniProt Gene Name	BAG2
UniProt Synonym Gene Names	BAG-2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

