PRODUCT INFORMATION

Catalog number ATGA0438

Clone No. AT29E9

Product type Monoclonal Antibody

UnitProt No. 095816

NCBI Accession No. NP_004273

Alternative Names BCL2-associated athanogene 2, BAG-2

PRODUCT SPECIFICATION

Antibody Host Mouse

Reacts With Human

Concentration 1mg/ml (determined by BCA assay)

Formulation Liquid in. Phosphate-Buffered Saline (pH 7.4) with 0.02% Sodium Azide, 10% glycerol

Immunogen Recombinant human BAG2 (1-211aa) purified from E. coli

Isotype

lgG2a kappa

Purification Note By protein-A affinity chromatography

Application

ELISA,WB,ICC/IF

Usage

The antibody has been tested by ELISA, Western blot analysis and ICC/IF to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results.

Storage

For research use only. This product is not intended or approved for human, diagnostics or veterinary use. Website: www.nkmaxbio.com email: supportbio@nkmax.com



NKMAXBiO We support you, we believe in your research Human BAG2 antibody Catalog Number: ATGA0438

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

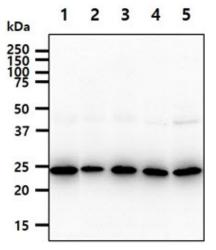
BCL2-associated athanogene 2, also known as BAG2, is a member of the Bag family of proteins. BAG proteins compete with Hip for binding to the Hsc70/Hsp70 ATPase domain. BAG2 is a major component of the HSC 70/CHIP chaperone-dependent ubiquitin ligase complex and acts to disrupt CHIP-mediated ubiquitylation.

General References

Takayama S., et al. (1999) J Biol Chem. 274: 781-786. Arndt V., et al. (2005) CHIP Mol Biol Cell. 16: 5891-5900.

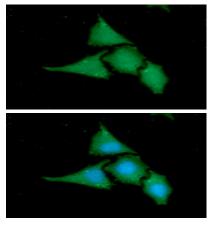
DATA

Western blot analysis (WB)



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

Immunocytochemistry/Immunofluorescence (ICC/IF)



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).