Mouse BAG1 Monoclonal Antibody | anti-BAG1 antibody

BAG1 (BAG Family Molecular Chaperone Regulator 1, BAG-1, BCL-2 Associated Athanogene 1, BCL-2-associated Athanogene 1, BCL2-associated Athanogene, RAP46) APC

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA24441	**Mouse**	**Human, Mouse, Rat**	**ELISA, Immunofluorescence, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

BAG1; Monoclonal Antibody; BAG1 (BAG Family Molecular Chaperone Regulator 1; BAG-1; BCL-2 Associated Athanogene 1; BCL-2-associated Athanogene 1; BCL2-associated Athanogene; RAP46) APC; anti-BAG1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	2D3
Specificity	Recognizes human BAG1. Species Crossreactivity: mouse and rat.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Allophycocyanin (APC).
Applicable Applications for anti-BAG1 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	IF: 35ug/ml Applications are based on unconjugated antibody.
Immunogen	Partial recombinant corresponding to aa241-345 from human BAG1 (NP_004314) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	EKIADQLEELNKELTGIQQGFLPKDLQAEALCKLDRRVKATIEQFMKILEEIDTLILPENFKDSRLKRKGLVKKVQAFLAECDTVEQNICQETERLQSTNFALA
Conjugate	APC
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: APC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.

IMAGES

WB (Western Blot)
BAG1 monoclonal antibody Western Blot analysis of BAG1 expression in HeLa.

WB (Western Blot)
Western Blot detection against Immunogen (37.29kD).

WB (Western Blot)
Western Blot analysis of BAG1 expression in Jurkat using 123805.

Application Data
Detection limit for recombinant GST tagged BAG1 is ~0.03ng/ml as a capture antibody.

IF (Immunofluorescence)
Immunofluorescence of 123805 (35ug/ml) on HeLa cell.

IHC (Immunohistochemistry)
Immunoperoxidase of 1238051 (3ug/ml) on formalin-fixed paraffin-embedded human tonsil.

ADDITIONAL INFORMATION

Product Categories/Family for anti-BAG1 antibody	Antibodies; Apoptosis

NCBI AND UNIPROT INFORMATION

NCBI GI #	124494251
NCBI GeneID	573
NCBI Accession #	NP_004314
NCBI GenBank Nucleotide #	NM_004323
UniProt Accession #	Q99933; O75315; Q14414; Q53H32; Q5VZE8; Q5VZE9; Q5VZF0; Q96TG2; Q9Y2V4
Molecular Weight	25,989 Da
NCBI Official Full Name	BCL2-associated athanogene isoform 1L
NCBI Official Synonym Full Names	BCL2-associated athanogene
NCBI Official Symbol	BAG1
NCBI Official Synonym Symbols	HAP; BAG-1; RAP46
NCBI Protein Information	BAG family molecular chaperone regulator 1; Bcl-2-binding protein; receptor-associated protein, 46-KD; Bcl-2 associating athanogene-1 protein; glucocortoid receptor-associated protein RAP46
UniProt Protein Name	BAG family molecular chaperone regulator 1
UniProt Gene Name	**BAG1**
UniProt Synonym Gene Names	HAP; BAG-1
UniProt Entry Name	BAG1_HUMAN

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.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/bag1-antibody-clone-2d3-immunofluorescence-immunohistochemistry-western-blot-elisa/24441