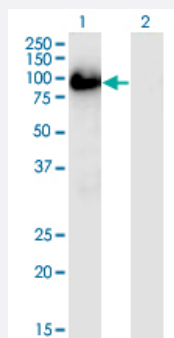


BAG3 monoclonal antibody (M01A), clone 5A8

Catalog # H00009531-M01A

Size 200 uL

Applications

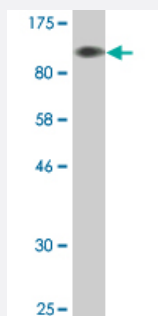


Western Blot (Transfected lysate)

Western Blot analysis of BAG3 expression in transfected 293T cell line by BAG3 monoclonal antibody (M01A), clone 5A8.

Lane 1: BAG3 transfected lysate (Predicted MW: 61.6 KDa).

Lane 2: Non-transfected lysate.



Western Blot detection against Immunogen (88.99 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full-length recombinant BAG3.

Immunogen

BAG3 (AAH14656.1, 1 a.a. ~ 575 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence	MSAATHSPMMQVASGNGDRDPLPPGWEIKIDPQTGWPFVDHNSRTTTWNDPRVPSEGPKETP SSANGPSREGSRLPPAREGHPVYPQLRPGYIPIVLHEGAENRQVHPFHVYPQPGMQRFRTEAA AAPQRSQSPLRGMPETTQPKQCGQVAAAAAAQPPASHGPERSQSPAASDCSSSSSSASLP SSGRSSLGSHQLPRGYSIPVIHEQNVTRPAAQPSFHQAQKTHYPAQQGEYQTHQPVYHKIQGDD WEPRPLRAASPFRSSVQGASSREGSPARSSTPLHSPSPIRVHTTVDRPQQPMTHRETAPVSQP ENKPESKPGPVGPELPPGHIPIQVIRKEVDSKPVVSQKPPPPSEKVEVKVPPAPVPCPPSPGPS AVPSSPKSVATEERAAPSTAPAEATPPKPGAEAPPKHPGVLKVEAILEKVQGLEQAVDNFEGK KTDKKYLMIEEYLTKELLALDSVDPEGRADVRQARRDGVRKVQTILEKLEQKAIDVPGQVQVYELQ PSNLEADQPLQAIMEMGAVAADKGKKNAGNAEDPHTETQQPEATAAATSNPSSMTDTPGNPAA P
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (84); Rat (85)
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (88.99 KDa) .
Storage Buffer	In ascites fluid
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of BAG3 expression in transfected 293T cell line by BAG3 monoclonal antibody (M01A), clone 5A8.

Lane 1: BAG3 transfected lysate (Predicted MW: 61.6 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — BAG3

Entrez GeneID

[9531](#)

GeneBank Accession#	BC014656
Protein Accession#	AAH14656.1
Gene Name	BAG3
Gene Alias	BAG-3, BIS, CAIR-1, MGC104307
Gene Description	BCL2-associated athanogene 3
Omim ID	603883
Gene Ontology	Hyperlink
Gene Summary	BAG proteins compete with Hip for binding to the Hsc70/Hsp70 ATPase domain and promote substrate release. All the BAG proteins have an approximately 45-amino acid BAG domain near the C terminus but differ markedly in their N-terminal regions. The protein encoded by this gene contains a WW domain in the N-terminal region and a BAG domain in the C-terminal region. The BAG domains of BAG1, BAG2, and BAG3 interact specifically with the Hsc70 ATPase domain in vitro and in mammalian cells. All 3 proteins bind with high affinity to the ATPase domain of Hsc70 and inhibit its chaperone activity in a Hip-repressible manner. [provided by RefSeq]
Other Designations	BAG-family molecular chaperone regulator-3 BCL2-binding athanogene 3 Bcl-2-binding protein OTTHUMP00000020599 docking protein CAIR-1

Publication Reference

- [Co-chaperone BAG3 enters autophagic pathway via its interaction with microtubule associated protein 1 light chain 3 beta.](#)

Hagen Körschgen, Marius Baeken, Daniel Schmitt, Heike Nagel, Christian Behl.

Traffic (Copenhagen, Denmark) 2023 Sep; [Epub].

Application: PLA, WB, Human, HeLa cells

Disease

- [Alzheimer Disease](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)

- [Head and Neck Neoplasms](#)
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