Bcl2 Modifying Factor (BMF) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Bcl2 modifying factor (BMF), Polyclonal Antibody
Full Product Name	Rabbit anti-human Bcl2 modifying factor polyclonal Antibody
Product Gene Name	anti-BMF antibody
Product Synonym Names	BCL2 modifying factor; Bmf; AW260063; AW411872
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Purity/Purification	Protein G Purified
Molecular Weight	14,150 Da
OMIM	606266
Immunogen	Human Bmf
Storage Buffer	PBS with 0.1% Sodium Azide, 50% Glycerol, pH 7.3. -20 degree C, Avoid freeze / thaw cycles.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-20181 / sc-20183 / sc-20182
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-BMF antibody	ELISA (EIA), Western Blot (WB)
Related Product Information for anti-BMF antibody	MBS710452 is an antibody targeting BMF. Also known as Rabbit anti-human Bcl2 modifying factor polyclonal Antibody. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-BMF antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for BMF. It may not necessarily be applicable to this product.

NCBI GI #	127801421
NCBI GeneID	90427
NCBI Accession #	AAH70043.2
UniProt Secondary Accession #	Q2M396; Q6NT30; Q6NT56; Q6P9F6; Q7Z7D4; Q7Z7D5; Q9H7K7
UniProt Related Accession #	Q96LC9
NCBI Official Full Name	Bcl2 modifying factor
NCBI Official Synonym Full Names	Bcl2 modifying factor
NCBI Official Symbol	BMF
UniProt Protein Name	Bcl-2-modifying factor

Protein Family	Bcl-2-modifying factor
UniProt Gene Name	BMF
UniProt Entry Name	BMF_HUMAN
NCBI Protein Information	bcl-2-modifying factor
NCBI Summary for BMF	The protein encoded by this gene belongs to the BCL2 protein family. BCL2 family members form hetero- or homodimers and act as anti- or pro-apoptotic regulators that are involved in a wide variety of cellular activities. This protein contains a single BCL2 homology domain 3 (BH3), and has been shown to bind BCL2 proteins and function as an apoptotic activator. This protein is found to be sequestered to myosin V motors by its association with dynein light chain 2, which may be important for sensing intracellular damage and triggering apoptosis. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]
UniProt Comments for BMF	BMF: May play a role in apoptosis. Isoform 1 seems to be the main initiator. Interacts with MCL1, BCL2, BCL2L1/BCL-Xl, BCL2A1 and BCL2L2/BCL-w. Interacts with the myosin V actin motor complex through its binding to DLC2. Isoform 1 is mainly expressed in B-lymphoid cells. Isoform 2 and isoform 3 are mainly expressed in B-CLL and normal B-cells. Belongs to the Bcl-2 family. 3 isoforms of the human protein are produced by alternative splicing. Protein type: Apoptosis; Cytoskeletal Chromosomal Location of Human Ortholog: 15q14 Cellular Component: mitochondrial outer membrane; plasma membrane; acrosome; myosin complex; cytosol Molecular Function: protein binding Biological Process: positive regulation of protein homooligomerization; apoptosis; anoikis
Research Articles on BMF	**1.** Diva binds peptides derived from the BH3 domain of several other proapoptotic Bcl-2 proteins, including mouse Harakiri, Bid, Bak and Bmf.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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