



Human BMF blocking peptide (DAG-P0163)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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]
Specificity	Isoform 1 is mainly expressed in B-lymphoid cells. Isoform 2 and isoform 3 are mainly expressed in B-CLL and normal B-cells.
Conjugate	Unconjugated
Applications	BL
Sequence Similarities	Belongs to the Bcl-2 family.
Format	Liquid
Buffer	PBS with 0.1% BSA 0.02% sodium azide pH7.2
Preservative	0.02% Sodium Azide
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. PBS with 0.1% BSA 0.02% sodium azide pH7.2

GENE INFORMATION

Gene Name [BMF Bcl2 modifying factor \[Homo sapiens \(human\) \]](#)

Official Symbol	BMF
Synonyms	BMF; Bcl2 modifying factor; bcl-2-modifying factor;
Entrez Gene ID	90427
mRNA Refseq	NM_001003940.1
Protein Refseq	NP_001003940.1
UniProt ID	Q96LC9
Chromosome Location	15q14
Pathway	Activation of BH3-only proteins, organism-specific biosystem; Activation of BMF and translocation to mitochondria, organism-specific biosystem; Androgen receptor signaling pathway, organism-specific biosystem; Apoptosis, organism-specific biosystem; Apoptosis Modulation and Signaling, organism-specific biosystem; BH3-only proteins associate with and inactivate anti-apoptotic BCL-2 members, organism-specific biosystem; Intrinsic Pathway for Apoptosis, organism-specific biosystem; MicroRNAs in can
Function	protein binding;