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anti-BMF antibody (C-Term)



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Overview		
Quantity:	0.1 mg	
Target:	BMF	
Binding Specificity:	C-Term	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This BMF antibody is un-conjugated	
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)	
Product Details		
Immunogen:	Bmf antibody was raised with a synthetic peptide corresponding to 14 amino acids near the carboxy terminus of human Bmf. The immunogen is located within the last 50 amino acids of Bmf.	
Isotype:	IgG	
Purification:	Bmf Antibody is affinity chromatography purified via peptide column.	
Target Details		
Target:	BMF	
Alternative Name:	Bmf (BMF Products)	
Background:	Bmf Antibody: Apoptosis is related to many diseases and development. Members in the Bcl-2	

family are critical regulators of apoptosis by either inhibiting or promoting cell death. Bcl-2 homology 3 (BH3) domain is a potent death domain. BH3-only proteins, including Bad, Bid, Bik, Hrk, Bim, Noxa, and PUMA, form a growing subclass of the Bcl-2 family. A novel BH3-only protein was recently identified in human and mouse and designated Bmf (for Bcl-2-modifing factor). The BH3 domain in Bmf is required both for binding to Bcl-2 proteins and for triggering apoptosis. In healthy cells, Bmf associates with the dynein light chain 2 (DLC2) component of the myosin V motors and is sequestered by the cell's actin cytoskeleton. Disruption of the actin cytoskeleton, either by depolymerization of actin filaments or by detachment of cells from the extracellular matrix, triggers release and activation of Bmf, initiating the downstream apoptotic program. Bmf is constitutively expressed in many tissues.

Molecular Weight: 25 kDa

Gene ID: 90427

NCBI Accession: NP_277038

UniProt: Q96LC9

Application Details

Application Notes:

Bmf antibody can be used for detection of Bmf by Western blot at 2.5 and 5 μ ,g/mL. A band at approximately 25 kDa can be detected. Antibody can also be used for immunohistochemistry starting at 10 μ ,g/mL. For immunofluorescence start at 10 μ ,g/mL.

Antibody validated: Western Blot in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.

Restrictions:

For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Bmf Antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Storage:	-20 °C,4 °C	
Storage Comment:	Bmf antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As	
	with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should	
	not be exposed to prolonged high temperatures.	