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anti-BIM antibody (AA 130-165)

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Publications



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Overview		
Quantity:	400 μL	
Target:	BIM (BCL2L11)	
Binding Specificity:	AA 130-165	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This BIM antibody is un-conjugated	
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))	
Product Details		
Immunogen:	This Bim BH3 Domain antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 130-165 amino acids from human Bim BH3 Domain.	
Clone:	RB00963	
Isotype:	lg Fraction	
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.	

Target Details

Target:	BIM (BCL2L11)	
Alternative Name:	Bim (BCL2L11 Products)	

Target Details

Background:	Bim belongs to the BCL-2 protein family. BCL-2 family members form hetero- or homodimers and act as anti- or pro-apoptotic regulators that are involved in a wide variety of cellular activities. Bim contains a Bcl-2 homology domain 3 (BH3). It has been shown to interact with other members of the BCL-2 protein family, including BCL2, BCL2L1/BCL-X(L), and MCL1, and	
	to act as an apoptotic activator. The expression of this gene can be induced by nerve growth	
	factor (NGF), as well as by the forkhead transcription factor FKHR-L1, which suggests a role of	
	this gene in neuronal and lymphocyte apoptosis. Transgenic studies of the mouse counterpart suggested that this gene functions as an essential initiator of apoptosis in thymocyte-negative	
	selection.	
Molecular Weight:	22171	
Gene ID:	10018	
NCBI Accession:	NP_001191035, NP_001191036, NP_001191037, NP_001191038, NP_001191039,	
	NP_001191040, NP_001191041, NP_001191042, NP_006529, NP_619527, NP_619528,	
	NP_619529, NP_619530, NP_619531, NP_61953	
UniProt:	043521	
Pathways:	PI3K-Akt Signaling, Neurotrophin Signaling Pathway, Tube Formation, Positive Regulation of	
	Endopeptidase Activity	
Application Details		
Application Notes:	WB: 1:1000. IHC-P: 1:50~100	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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.	
Storage:	4 °C,-20 °C	
otorage.	4 °C,-20 °C	
Storage Comment:	4 °C,-20 °C Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in sma	

Expiry Date:

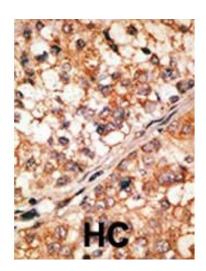
6 months

Publications

Product cited in:

Stegmaier, Wong, Ross, Chow, Peck, Wright, Lessnick, Kung, Golub: "Signature-based small molecule screening identifies cytosine arabinoside as an EWS/FLI modulator in Ewing sarcoma." in: **PLoS medicine**, Vol. 4, Issue 4, pp. e122, (2007) (PubMed).

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated. BC = breast carcinoma, HC = hepatocarcinoma.

Western Blotting

Image 2. The anti-Bim BH3 domain Pab (ABIN388101 and ABIN2846193) is used in Western blot to detect Bim BH3 in HL-60 cell lysate.