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Datasheet for ABIN5023271  
**anti-BIM antibody (HRP)**

2 Images

Overview

Quantity:	100 µg
Target:	BIM (BCL2L11)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BIM antibody is conjugated to HRP
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	Internal central amino acids of human Bim
Specificity:	Detects ~23 kDa.
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Protein A Purified

Target Details

Target:	BIM (BCL2L11)
Alternative Name:	BIM ( <a href="#">BCL2L11 Products</a> )
Background:	Members in the Bcl-2 family are critical regulators of apoptosis by either inhibiting or promoting cell death. Bim/BOD is a group of three splice variants, BimEL, BimL and BimS, with apparent molecular masses of ~23, 16, and 13 kDa, respectively. Bcl-2 homology 3 (BH3) domain is a potent death domain. BH3 domain containing pro-apoptotic proteins, including Bad, Bax, Bid,

## Target Details

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Bim, and Hrk, form a growing subclass of the Bcl-2 family. A novel BH3 domain containing protein was recently identified and designated Bim or BOD in human, mouse and rat (1,2). Bim/BOD interacts with diverse members in the pro-survival Bcl-2 sub-family including Bcl-2, Bcl-xL and Bcl-w. Bim/BOD induces apoptosis. The messenger RNA of Bim is ubiquitously expressed in multiple tissues and cell lines (1,2).

Gene ID:	10018
NCBI Accession:	<a href="#">NP_619527</a>
UniProt:	<a href="#">O43521</a>
Pathways:	<a href="#">PI3K-Akt Signaling</a> , <a href="#">Neurotrophin Signaling Pathway</a> , <a href="#">Tube Formation</a> , <a href="#">Positive Regulation of Endopeptidase Activity</a>

## Application Details

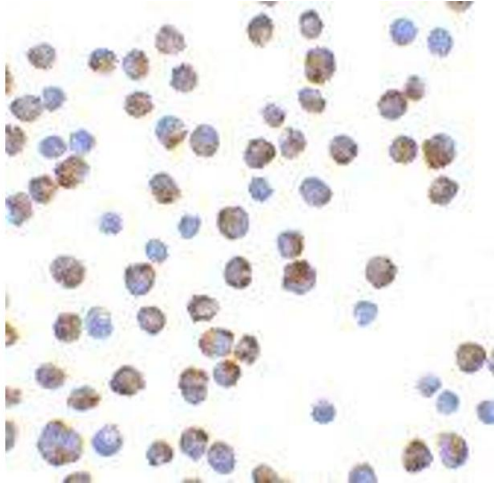
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Application Notes:	<ul style="list-style-type: none"><li>• WB (1:400)</li><li>• ICC/IF (1:100)</li><li>• optimal dilutions for assays should be determined by the user.</li></ul>
Comment:	2.5 µg/ml of ABIN5023271 was sufficient for detection of Bim in 20 µg of K562 cell lysate by colorimetric immunoblot analysis using Goat anti-rabbit IgG:HRP as the secondary antibody.
Restrictions:	For Research Use only

## Handling

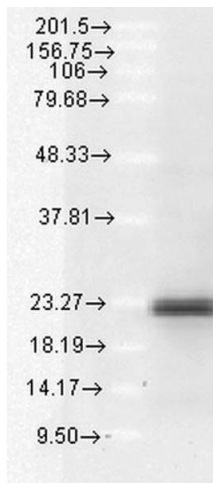
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Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS, 50 % glycerol, 0.09 % sodium azide, Storage buffer may change when conjugated
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	Conjugated antibodies should be stored at 4°C



### Immunofluorescence (fixed cells)

**Image 1.** Immunocytochemistry/Immunofluorescence analysis using Rabbit Anti-BIM Polyclonal Antibody . Tissue: K562 cells. Species: Human. Primary Antibody: Rabbit Anti-BIM Polyclonal Antibody at 1:100.



### Western Blotting

**Image 2.** Western blot analysis of Human A549 cell lysates showing detection of BIM protein using Rabbit Anti-BIM Polyclonal Antibody . Load: 15 µg protein. Block: 1.5% BSA for 30 minutes at RT. Primary Antibody: Rabbit Anti-BIM Polyclonal Antibody at 1:1000 for 2 hours at RT. Secondary Antibody: Donkey Anti-Rabbit IgG: HRP for 1 hour at RT.