

BIM/BOD (IN2) Antibody
Catalog # ASM10415

Specification

BIM/BOD (IN2) Antibody - Product Information

Application	WB
Primary Accession	O43521
Other Accession	NP_619527.1
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal

Description

Rabbit Anti-Human BIM/BOD (IN2) Polyclonal

Target/Specificity

Detects ~23kDa.

Other Names

BCL2 like protein 11 Antibody, Bcl2 interacting mediator of cell death Antibody, Bcl2 interacting protein Bim Antibody, BCL@ like 11 Antibody, BAM Antibody, BimEI Antibody, BimL Antibody, BOD Antibody, BIM beta 6 Antibody, BIM Beta7 Antibody, BIM alpha 3 Antibody, BIM alpha4 Antibody, BIM alpha5 Antibody, BIM alpha6 Antibody

Immunogen

Internal central amino acids of human Bim

Purification

Protein A Purified

Storage **-20°C**

Storage Buffer

PBS, 50% glycerol, 0.09% sodium azide

Shipping Temperature **Blue Ice or 4°C**

Certificate of Analysis

2.5 µg/ml of SPC-164 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.

Cellular Localization

Mitochondrion | Endomembrane System

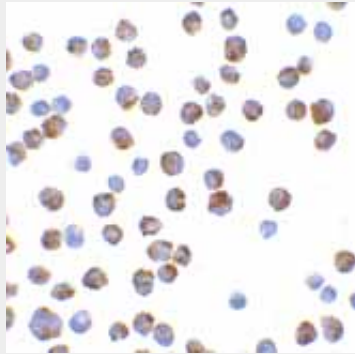
BIM/BOD (IN2) Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

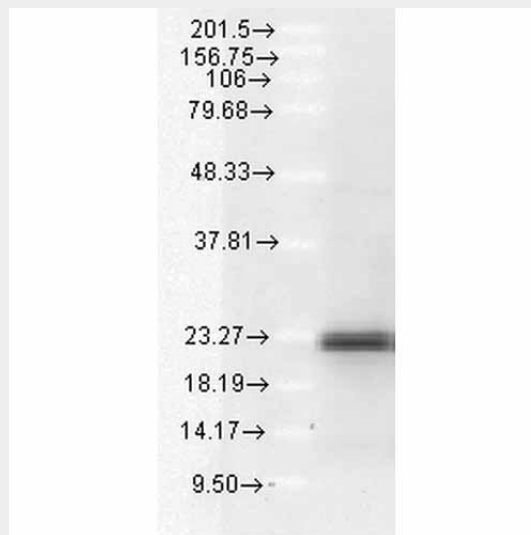
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)

- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

BIM/BOD (IN2) Antibody - Images



Immunocytochemistry/Immunofluorescence analysis using Rabbit Anti-BIM Polyclonal Antibody (ASM10415). Tissue: K562 cells. Species: Human. Primary Antibody: Rabbit Anti-BIM Polyclonal Antibody (ASM10415) at 1:100.



Western blot analysis of Human A549 cell lysates showing detection of BIM protein using Rabbit Anti-BIM Polyclonal Antibody (ASM10415). Load: 15 μ g protein. Block: 1.5% BSA for 30 minutes at RT. Primary Antibody: Rabbit Anti-BIM Polyclonal Antibody (ASM10415) at 1:1000 for 2 hours at RT. Secondary Antibody: Donkey Anti-Rabbit IgG: HRP for 1 hour at RT.

BIM/BOD (IN2) Antibody - 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, Bik, 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).

BIM/BOD (IN2) Antibody - References

1. O'Connor L., Strasser A., O'Reilly L.A., et al. (1998) EMBO J. 17:384-395.
2. Hsu S.Y., Lin P., and Hsueh A.J. (1998) Mol. Endocrinol. 12:1432-40.