

BIM/BOD (IN2) Antibody
Catalog # ASM10416

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, BCL2 like 11 Antibody, BAM Antibody, BimE1 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

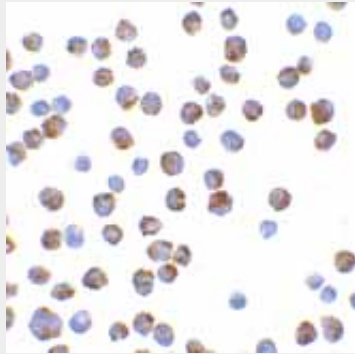
BIM/BOD (IN2) Antibody - Protocols

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

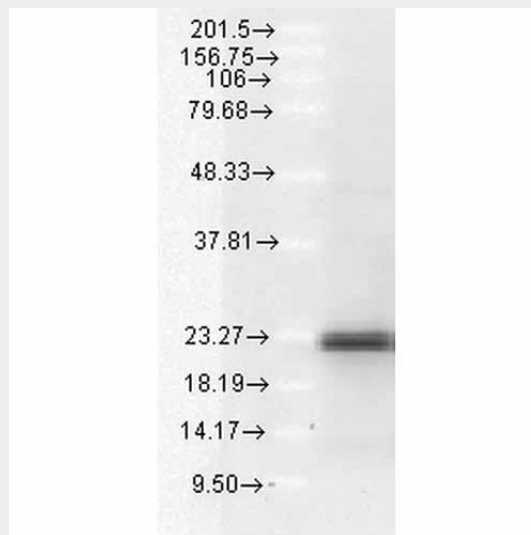
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)

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

BIM/BOD (IN2) Antibody - Images



Immunocytochemistry/Immunofluorescence analysis using Rabbit Anti-BIM Polyclonal Antibody (ASM10416). Tissue: K562 cells. Species: Human. Primary Antibody: Rabbit Anti-BIM Polyclonal Antibody (ASM10416) at 1:100.



Western blot analysis of Human A549 cell lysates showing detection of BIM protein using Rabbit Anti-BIM Polyclonal Antibody (ASM10416). Load: 15 μ g protein. Block: 1.5% BSA for 30 minutes at RT. Primary Antibody: Rabbit Anti-BIM Polyclonal Antibody (ASM10416) 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.