

## Bim Monoclonal Antibody

Catalog No: #26024

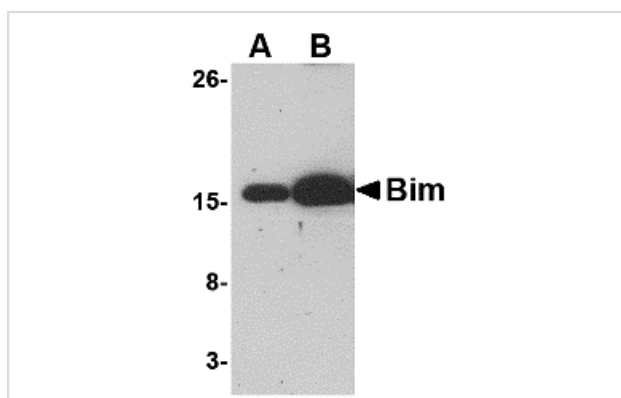
Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

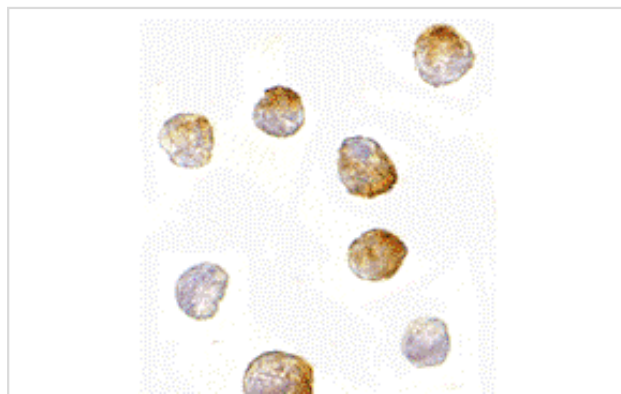
## Description

|                       |  |
|-----------------------|--|
| Product Name          | Bim Monoclonal Antibody  |
| Host Species          | Mouse  |
| Clonality             | Monoclonal   |
| Clone No.             | mAb (Clone 1C2C8)  |
| Purification          | Immunoaffinity chromatography purified IgG   |
| Applications          | ELISA WB ICC   |
| Species Reactivity    | Hu Ms  |
| Immunogen Type        | Recombinant protein  |
| Immunogen Description | Raised against a recombinant protein corresponding to amino acids 2 to 198 of human Bim.     |
| Target Name           | Bim  |
| Other Names           | Bim (1C2C8): Bcl-2 interacting protein, Bcl-2-related ovarian death gene, BOD, Bcl-2-like 11 |
| Accession No.         | Swiss-Prot:O43521Gene ID:10018   |
| Uniprot               | O43521   |
| GeneID                | 10018;   |
| Concentration         | 1mg/ml   |
| Formulation           | Supplied in PBS containing 0.02% sodium azide.   |
| Storage               | Can be stored at -20°C, stable for one year.   |

## Images



Western blot analysis of (A) 5 and (B) 25 ng of Bim recombinant protein with Bim antibody at 1 ug/mL.



Immunocytochemistry of Bim in K562 cells with Bim antibody at 10 ug/mL.

## Background

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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 domain containing pro-apoptotic proteins, including Bad, Bax, Bid, Bik, and Hrk, form a growing subclass of the Bcl-2 family. Bim is another BH3 domain containing protein which can induce apoptosis. Bim interacts with diverse members in the pro-survival Bcl-2 sub-family including Bcl-2, Bcl-xL and Bcl-w. The messenger RNA of Bim is ubiquitously expressed in multiple tissues and cell lines.

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Note: This product is for in vitro research use only