

## ARG43823 anti-BIM antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes BIM
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, IHC-P, IP, WB
Specificity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	BIM
Species	Human
Immunogen	Synthetic peptide of human Bim.
Conjugation	Un-conjugated
Alternate Names	BCL2L11; BCL2 Like 11; BIM; BOD; BCL2-Like 11 (Apoptosis Facilitator); Bcl-2-Like Protein; BimEL; BimL; BimS; Bcl-2 Interacting Mediator Of Cell Death; Bcl2-Interacting Mediator Of Cell Death; Bcl-2-Related Ovarian Death Agonist; Bcl-2 Interacting Protein Bim; Bcl2-L-11; BAM

### Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50-1:200
	IHC-P	1:50-1:100
	IP	1:20
	WB	1:500-1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	22 kDa	

### Properties

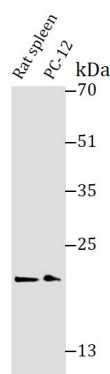
Form	Liquid
Purification	Affinity Purified
Buffer	Tris-Glycine, 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Preservative	0.01% Sodium azide
Stabilizer	40% Glycerol and 0.05% BSA

Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

Gene Symbol	BCL2L11
Gene Full Name	BCL2 Like 11
Background	The protein encoded by this gene 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. The protein encoded by this gene contains a Bcl-2 homology domain 3 (BH3). It has been shown to interact with other members of the BCL-2 protein family 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. Several alternatively spliced transcript variants of this gene have been identified. [provided by RefSeq, Jun 2013]
Function	Induces apoptosis and anoikis. Isoform BimL is more potent than isoform BimEL. Isoform Bim-alpha1, isoform Bim-alpha2 and isoform Bim-alpha3 induce apoptosis, although less potent than isoform BimEL, isoform BimL and isoform BimS. Isoform Bim-gamma induces apoptosis. Isoform Bim-alpha3 induces apoptosis possibly through a caspase-mediated pathway. Isoform BimAC and isoform BimABC lack the ability to induce apoptosis. [UniProt]
Calculated Mw	22 kDa
PTM	Phosphoprotein, Ubl conjugation. [UniProt]
Cellular Localization	Membrane, Mitochondrion. [UniProt]

## Images



ARG43823 anti-BIM antibody WB image

Western blot: Rat spleen and PC-12 stained with ARG43823 anti-BIM antibody at 1:500 dilution.

# ARG43823 anti-BIM antibody WB image

Western blot: 3T3 and HeLa stained with ARG43823 anti-BIM antibody at 1:500 dilution.

