

Rabbit Bim Monoclonal Antibody | anti-Bim antibody

Anti-Bim Rabbit Monoclonal Antibody

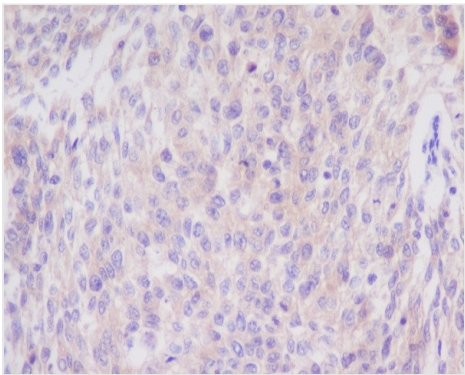
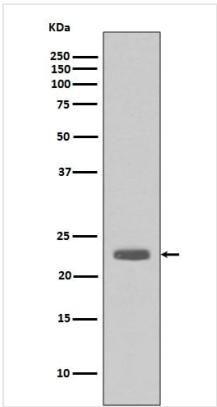
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA47066	Rabbit	Human, Mouse, Rat	Western Blot, Immunocytochemistry, Immunohistochemistry, Immunofluorescence, Immunoprecipitation

PRODUCT SYNONYMS

Bim; Monoclonal Antibody; Anti-Bim Rabbit Monoclonal Antibody; Bcl-2-like protein 11; Bcl2-L-11; Bcl2-interacting mediator of cell death; BCL2L11; BIM; anti-Bim antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Purity/Purification	Affinity-chromatography
Form/Format	Liquid
Sequence Length	73
Applicable Applications for anti-Bim antibody	WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry), IF (Immunofluorescence), IP (Immunoprecipitation)
Immunogen	A synthesized peptide derived from human Bim
Subcellular Localization	Endomembrane system; Peripheral membrane protein. Associated with intracytoplasmic membranes.
Tissue Specificity	Isoform BimEL, isoform BimL and isoform BimS are the predominant isoforms and are ubiquitously expressed with a tissue-specific variation. Isoform Bim-gamma is most abundantly expressed in small intestine and colon, and in lower levels in spleen, prostate, testis, heart, liver and kidney.
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Preparation and Storage	Store at -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human cervix cancer, using Bim Antibody(AAA47066)BCL2L11 was detected in paraffin-embedded tissue section. Heat mediated antigen retrieval was performed in citrate buffer (pH6, epitope retrieval solution) for 20 mins. The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1ug/ml rabbit anti-BCL2L11 Antibody (AAA47066)overnight at 4 degree C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using Streptavidin-Biotin-Complex (SABC) with DAB as the chromogen.

WB (Western Blot)
Western blot analysis of Bim expression in A431 cell lysate (AAA47066).Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 50ug of sample under reducing conditions.After Electrophoresis, proteins were transferred to a Nitrocellulose membrane at 150mA for 50-90 minutes. Blocked the membrane with 5% Non-fat Milk/ TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-BCL2L11 monoclonal antibody overnight at 4 degree C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:10000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for BCL2L11

ADDITIONAL INFORMATION

Related Product Information for anti-Bim antibody	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.
Product Categories/Family for anti-Bim antibody	Cell Biology; Apoptosis; Intracellular; Associated Proteins; Cell Biology; BCL2 Family; Neuroscience; Neurology Process; Neurodegenerative Disease; Alzheimer's Disease; Immunology; Innate Immunity; Macrophage/Inflamm.; Signal Transduction; Protein Phospho

NCBI AND UNIPROT INFORMATION

NCBI GI #	323362959
NCBI GeneID	10018
NCBI Accession #	NP_001191035.1
NCBI GenBank Nucleotide #	NM_001204106.1
UniProt Accession #	O43521; O43522; Q0MSE7; Q0MSE8; Q0MSE9; Q53R28; Q6JTU6; Q6T851; Q6TE14; Q6TE15; Q6TE16; A8K2W2
Molecular Weight	22171 MW
NCBI Official Full Name	bcl-2-like protein 11 isoform 11
NCBI Official Synonym Full Names	BCL2 like 11
NCBI Official Symbol	BCL2L11
NCBI Official Synonym Symbols	BAM; BIM; BOD
NCBI Protein Information	bcl-2-like protein 11
UniProt Protein Name	Bcl-2-like protein 11
UniProt Gene Name	BCL2L11

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/bim-antibody-western-blot-immunocytochemistry-immunohistochemistry-immunofluorescence-immunoprecipitation-elisa/47066>