

Mouse Bcl-X Monoclonal Antibody | anti-BCL2L1 antibody

Bcl-X (Apoptosis Marker) Mouse Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA62655	Mouse	Human, Mouse, Rat, Pig.Others not tested	Immunohistochemistry, Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay

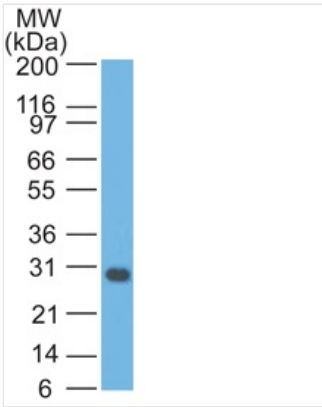
PRODUCT SYNONYMS

Bcl-X; Monoclonal Antibody; Bcl-X (Apoptosis Marker) Mouse Monoclonal Antibody; Apoptosis regulator Bcl-X; B cell lymphoma 2 like; BCL XL/S; Bcl-2-like protein 1; Bcl2-L-1; BCL2L; Bcl2l1; BCLX; BclXL; BclXS; Protein phosphatase 1 regulatory subunit 52 (PPP1R52); anti-BCL2L1 antibody

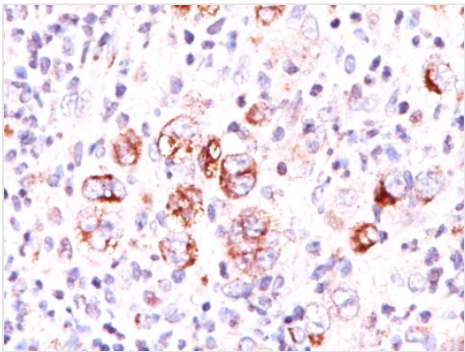
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat, Pig. Others not tested
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	2H12
Specificity	Recognizes a protein of 27kDa, identified as the Bcl-X protein. This MAb shows no cross-reaction with Bcl-2 or Bax protein. Bcl-X has two isoforms, Bcl-XL (long), a 241 amino acid protein which suppresses cell death. And Bcl-XS (short), a 178 amino acid protein lacking a 63 amino acid domain which functions as a dominant inhibitor of Bcl-2. This MAb reacts with both Bcl-XS and Bcl-XL proteins.
Form/Format	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Sequence Length	170
Applicable Applications for anti-BCL2L1 antibody	IHC (Immunohistochemistry), WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Cellular Localization	Cytoplasmic and cell/nuclear membrane
Immunogen	A synthetic peptide, aa 3-14 (Cys-QSNRELVVDFLS) of human Bcl-X protein
Hu-Chromosome Location	20q11.21
Positive Control	Jurkat, K562, HL-60, or HeLa Cells. Reed-Sternberg cells in Hodgkin's lymphoma.
Preparation and Storage	Antibody with azide - store at 2 to 8 degree C. Antibody without azide - store at -20 to -80 degree C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



WB (Western Blot)
Western Blot of Jurkat Cell Lysate using Bcl-x Monoclonal Antibody (2H12).



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human Hodgkin's Lymphoma stained with Bcl-x Monoclonal Antibody (2H12). Note cytoplasmic and membrane staining.

ADDITIONAL INFORMATION

References	Hsu YT, et. al. Journal of Biological Chemistry, 1997, 272(21):13829-34. Hsu YT, et. al. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94(8):3668-72. Wolter KG, et. al. Journal of Cell Biology, 1997, 139(5):1281-92
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502381
NCBI GeneID	598
NCBI Accession #	NP_001182.1
NCBI GenBank Nucleotide #	NM_001191.3
UniProt Accession #	Q07817; Q5CZ89; Q5TE65; Q92976; E1P5L6
Molecular Weight	27kDa
NCBI Official Full Name	bcl-2-like protein 1 isoform Bcl-X(S)
NCBI Official Synonym Full Names	BCL2 like 1
NCBI Official Symbol	BCL2L1
NCBI Official Synonym Symbols	BCLX; BCL2L; Bcl-X; PPP1R52; BCL-XL/S
NCBI Protein Information	bcl-2-like protein 1
UniProt Protein Name	Bcl-2-like protein 1
UniProt Gene Name	BCL2L1
UniProt Synonym Gene Names	BCL2L; BCLX; Bcl2-L-1
UniProt Entry Name	B2CL1_HUMAN

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.