

## Mouse Bcl-X Monoclonal Antibody | anti-BCL2L1 antibody

Bcl-X (Apoptosis Marker) Mouse Monoclonal Antibody

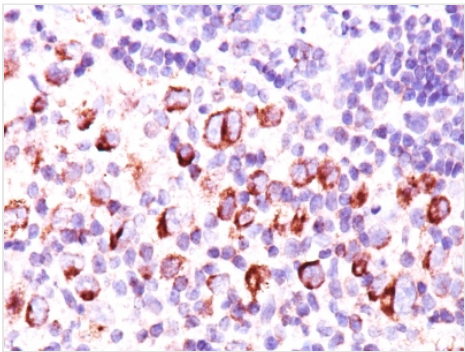
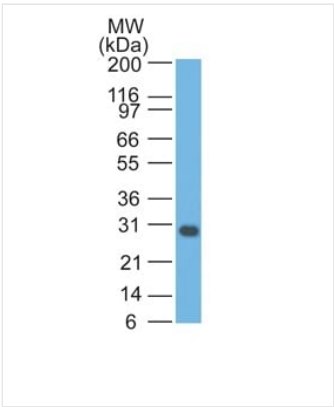
| CATALOG # | HOST  | REACTIVITY                                | APPLICATIONS                                                                             |
|-----------|-------|-------------------------------------------|------------------------------------------------------------------------------------------|
| AAA62527  | 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.<br>Others not tested                                                                                                                                                                                                                                                                                                                                                                 |
| Clonality                                        | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                   |
| Isotype                                          | IgG                                                                                                                                                                                                                                                                                                                                                                                                          |
| Clone Number                                     | BX006 + 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-QSNRELVDLFLS) of human Bcl-X protein (BX006 & 2H12)                                                                                                                                                                                                                                                                                                                        |
| 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.                                                                                                                                                                                                                                    |



IHC (Immunohistochemistry)  
Formalin-paraffin Hodgkin's lymphoma stained with Bcl-x MAb (BX006 + 2H12).

WB (Western Blot)  
Western blot analysis of Jurkat Cell lysate using Bcl-X MAb (BX006 + 2H12).

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 |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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.