Rabbit Bcl-2 Monoclonal Antibody | anti-Bcl-2 antibody

Bcl-2 (Apoptosis& Follicular Lymphoma Marker)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA214503	**Rabbit**	**Human. Others not known.**	**Immunohistochemistry, Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay**

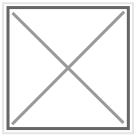
PRODUCT SYNONYMS

Bcl-2; Monoclonal Antibody; Bcl-2 (Apoptosis& Follicular Lymphoma Marker); Apoptosis regulator Bcl-2; B-cell CLL/lymphoma-2; anti-Bcl-2 antibody

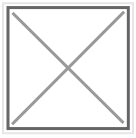
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human. Others not known.
Clonality	Monoclonal
Isotype	IgG
Clone Number	BCL2/1878R
Specificity	This antibody recognizes a protein of 25-26kDa, identified as the bcl-2 lpha oncoprotein. It shows no cross-reaction with Bcl-x or Bax protein. Expression of bcl-2 lpha oncoprotein inhibits the programmed cell death (apoptosis). In most follicular lymphomas, neoplastic germinal centers express high levels of bcl-2 lpha protein, whereas the normal or hyperplastic germinal centers are negative. Consequently, this antibody is valuable when distinguishing between reactive and neoplastic follicular proliferation in lymph node biopsies. It may also be used in distinguishing between those follicular lymphomas that express bcl-2 protein and the small number in which the neoplastic cells are bcl-2 negative.
Form/Format	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Sequence Length	239
Applicable Applications for anti-Bcl-2 antibody	IHC (Immunohistochemistry), WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Immunogen	Recombinant full-length human bcl-2 protein
Cellular Localization	Outer mitochondrial membranes and endoplasmic reticulum as well as nuclear membranes.
Hu-chromosome Location	18q21.33
Positive Control	Jurkat, K562, HL-60, or HeLa Cells. Tonsil or follicular lymphomas.
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



SDS-PAGE
SDS-PAGE Analysis of Purified Bcl-2 Rabbit Recombinant Monoclonal Antibody (BCL2/1878R).



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human Spleenstained with Bcl-2 Rabbit Recombinant Monoclonal Antibody (BCL2/1878R).

ADDITIONAL INFORMATION

References	Adams, J.M., et al. 1998. The Bcl-2 protein family: arbiters of cell survival. Science 281: 1322-1326.

NCBI AND UNIPROT INFORMATION

NCBI GI #	72198189
NCBI GeneID	596
NCBI Accession #	NP_000624.2
NCBI GenBank Nucleotide #	NM_000633.2
UniProt Accession #	P10415; P10416; Q13842; Q16197; C9JHD5
Molecular Weight	25-26kDa
NCBI Official Full Name	apoptosis regulator Bcl-2 isoform alpha
UniProt Protein Name	Apoptosis regulator Bcl-2
UniProt Gene Name	**BCL2**

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/bcl-2-antibody-clone-bcl2-1878r-immunohistochemistry-western-blot-immunofluorescence-flow-cytometry-elisa/214503