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

Bcl-2 (Apoptosis& Follicular Lymphoma Marker)

| CATALOG # | HOST | REACTIVITY | APPLICATIONS |
|---|---|---|---|
| **AAA214502** | **Rabbit** | **Human. Others not known.** | **Immunohistochemistry, Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay** |

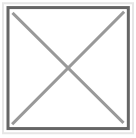
## PRODUCT SYNONYMS

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

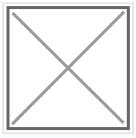
## PRODUCT SPECIFICATIONS

| | |
|---|---|
| **Host** | Rabbit |
| **Reactivity** | Human. Others not known. |
| **Clonality** | Monoclonal |
| **Isotype** | IgG |
| **Clone Number** | BCL2/2210R |
| **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.<br>Antibody without azide - store at -20 to -80 degree C.<br>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 (BCL2/2210R).



**IHC (Immunohistochemistry)**
Formalin-fixed, paraffin-embedded Human spleenstained with Bcl-2 Rabbit Recombinant Monoclonal Antibody (BCL2/2210R).

## ADDITIONAL INFORMATION

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|---|---|
| **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 |
| **NCBI Official Synonym Full Names** | BCL2, apoptosis regulator |
| **NCBI Official Symbol** | BCL2 |
| **NCBI Official Synonym Symbols** | Bcl-2; PPP1R50 |
| **NCBI Protein Information** | apoptosis regulator Bcl-2 |
| **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-bcl2-2210r-immunohistochemistry-western-blot-immunofluorescence-flow-cytometry-elisa/214502