

## Mouse anti-Human BCL2 Monoclonal Antibody | anti-BCL2 antibody

Anti-Hu BCL2 APC

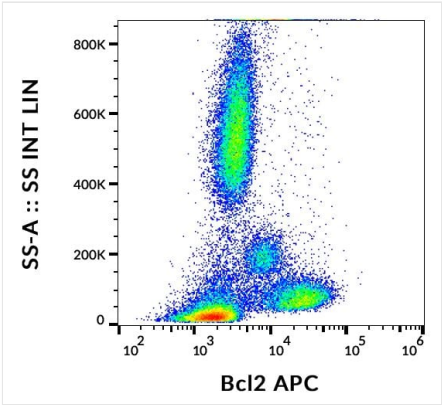
| CATALOG # | HOST  | REACTIVITY | APPLICATIONS                     |
|-----------|-------|------------|----------------------------------|
| AAA128435 | Mouse | Human      | Flow Cytometry, Functional Assay |

### PRODUCT SYNONYMS

BCL2; Monoclonal Antibody; Anti-Hu BCL2 APC; BCL2 apoptosis regulator; Bcl-2; PPP1R50; anti-BCL2 antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                                                                 |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Mouse                                                                                                                                                                                                           |
| Reactivity                                     | Human                                                                                                                                                                                                           |
| Clonality                                      | Monoclonal                                                                                                                                                                                                      |
| Isotype                                        | IgG1                                                                                                                                                                                                            |
| Clone Number                                   | Bcl-2/100                                                                                                                                                                                                       |
| Specificity                                    | The mouse monoclonal antibody Bcl-2/100 recognizes Bcl2, a 26 kDa intracellular protooncogen with anti-apoptotic effect, expressed in outer mitochondrial membrane, endoplasmic reticulum and nuclear envelope. |
| Purity/Purification                            | The purified antibody is conjugated with allophycocyanin (APC) under optimum conditions. The conjugate is purified by size-exclusion chromatography.                                                            |
| Form/Format                                    | Stabilizing phosphate buffered saline (PBS) solution containing 15 mM sodium azide                                                                                                                              |
| Sequence Length                                | 239                                                                                                                                                                                                             |
| Applicable Applications for anti-BCL2 antibody | FCM/FACS (Flow Cytometry)                                                                                                                                                                                       |
| Immunogen                                      | Synthetic peptide corresponding to the amino acids 41-54 of human Bcl2                                                                                                                                          |
| Negative Species                               | Mouse                                                                                                                                                                                                           |
| Conjugation                                    | APC                                                                                                                                                                                                             |
| Preparation and Storage                        | Store in the dark at 2-8 degree C. Do not freeze. Avoid prolonged exposure to light.                                                                                                                            |



FCM/FACS (Flow Cytometry)  
Flow cytometry intracellular staining pattern of human peripheral whole blood stained using anti-human BCL-2 (Bcl-2/100) APC antibody (10 ul reagent / 100 ul of peripheral whole blood).

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-BCL2 antibody | Bcl2 (B cell CLL lymphoma 2) is a proto-oncogen, which can contribute to tumorigenesis by counteracting apoptosis in various cell types. The anti-apoptotic effect of Bcl2 is performed by its interactions with suppressors and agonists of cell death and under physiological conditions it is regulated by proteolytic processing and phosphorylation. Bcl2 expression can be detected mainly in lymphoid tissues and in the basal cells of epithelial tissues. It is also a marker that can help in classification of lymphoproliferative diseases and in prognostics of some epithelial neoplasms. |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                         |
|----------------------------------|-----------------------------------------|
| NCBI GI #                        | 72198189                                |
| NCBI GeneID                      | 596                                     |
| NCBI Accession #                 | NP_000624.2                             |
| NCBI GenBank Nucleotide #        | NP_000624.2                             |
| UniProt Accession #              | P10415                                  |
| 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                                    |
| UniProt Entry Name               | BCL2_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.