

## Rabbit B-Cell Leukemia/Lymphoma 2 (Bcl2) Polyclonal Antibody | anti-Bcl2 antibody

Polyclonal Antibody to B-Cell Leukemia/Lymphoma 2 (Bcl2)

| CATALOG # | HOST   | REACTIVITY                    | APPLICATIONS                                                   |
|-----------|--------|-------------------------------|----------------------------------------------------------------|
| AAA131652 | Rabbit | Mouse, Human, Rat, Dog, Horse | Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry |

### PRODUCT SYNONYMS

B-Cell Leukemia/Lymphoma 2 (Bcl2); Polyclonal Antibody; Polyclonal Antibody to B-Cell Leukemia/Lymphoma 2 (Bcl2); anti-Bcl2 antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                   |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                                                                                                                                                                                                                                                            |
| Reactivity                                     | Mouse, Human, Rat, Dog, Horse                                                                                                                                                                                                                                                                                                                                                                     |
| Clonality                                      | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                        |
| Specificity                                    | The antibody is a rabbit polyclonal antibody raised against Bcl2. It has been selected for its ability to recognize Bcl2 in immunohistochemical staining and western blotting.                                                                                                                                                                                                                    |
| Purity/Purification                            | Affinity Chromatography                                                                                                                                                                                                                                                                                                                                                                           |
| Form/Format                                    | Supplied as solution form in PBS, pH7.4, containing 0.02% Na <sub>3</sub> N, 50% glycerol.                                                                                                                                                                                                                                                                                                        |
| Concentration                                  | 500ug/mL (varies by lot)                                                                                                                                                                                                                                                                                                                                                                          |
| Sequence                                       | Antigen: The target protein is fused with a C-terminal tag, His-tag and T7-tag and its sequence is listed below.<br>MGSSH HHHHHSSGLV PRGSHMASMT GGQMGGRGSE F-AQAGRTGY DNREIVMKYI HYKLSQRGYE<br>WDAGDADAAP LGAAPTPGIF SFQPESNPMP AVHREMAART SPLRPLVATA GPALSPVPPC VHLTLRRAGD<br>DFSRRYRRDF AEMSSQLHLT PFTARGRFAT VVEELFRDGV NWGRIVAFPE FGGVMCVESV NREMSPLVDN<br>IALWMTEYLN RHLHTWIQDN GGWDAFVELY G |
| Applicable Applications for anti-Bcl2 antibody | WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)                                                                                                                                                                                                                                                                                                                   |
| Immunogen                                      | Recombinant Bcl2 (Ala2~Asp208) expressed in E.coli.                                                                                                                                                                                                                                                                                                                                               |
| Cross Reactivity                               | Human, Mouse                                                                                                                                                                                                                                                                                                                                                                                      |
| Conjugated Antibody                            | The APC conjugated antibody version of this item is also available as                                                                                                                                                                                                                                                                                                                             |
| Preparation and Storage                        | Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                     |

### IMAGES



#### Knockout Validation

Knockout Validation: Lane 1: Wild-type HL-60 cell lysate;; Lane 2: Bcl2 knockout HL-60 cell lysate;; Predicted MW: 22,26kDa ; Observed MW: 26kDa; Primary Ab: 5ug/ml Rabbit Anti-Mouse Bcl2 Antibody; Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody;



#### IHC (Immunohistochemistry)

DAB staining on IHC-P. Samples: Mouse Tissue

**WB (Western Blot)**

Western Blot: Sample: Recombinant Bcl2, Mouse.

**WB (Western Blot)**

Western Blot: Sample: Lane1: Mouse Serum; Lane2: Human HL-60 Cells; Lane3: Human Jurkat Cells; Lane4: Human U-937 Cells.

**ADDITIONAL INFORMATION**

|                                                  |                               |
|--------------------------------------------------|-------------------------------|
| Product Categories/Family for anti-Bcl2 antibody | Knock-Out Validation Antibody |
|--------------------------------------------------|-------------------------------|

**NCBI AND UNIPROT INFORMATION**

|                                  |                                                              |
|----------------------------------|--------------------------------------------------------------|
| NCBI GI #                        | 133892547                                                    |
| NCBI GeneID                      | 12043                                                        |
| NCBI Accession #                 | NP_033871.2                                                  |
| NCBI GenBank Nucleotide #        | NM_009741.5                                                  |
| UniProt Accession #              | P10417; P10418; Q4VBF6                                       |
| Molecular Weight                 | 22,281 Da                                                    |
| NCBI Official Full Name          | apoptosis regulator Bcl-2 isoform 1                          |
| NCBI Official Synonym Full Names | B cell leukemia/lymphoma 2                                   |
| NCBI Official Symbol             | Bcl2                                                         |
| NCBI Official Synonym Symbols    | Bcl-2; AW986256; C430015F12Rik; D630044D05Rik; D830018M01Rik |
| NCBI Protein Information         | apoptosis regulator Bcl-2                                    |
| UniProt Protein Name             | Apoptosis regulator Bcl-2                                    |
| UniProt Gene Name                | <b>Bcl2</b>                                                  |
| UniProt Synonym Gene Names       | Bcl-2                                                        |

**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/polyclonal/b-cell-leukemia-lymphoma-2-bcl2-antibody-western-blot-immunohistochemistry-immunocytochemistry-elisa/131652>