

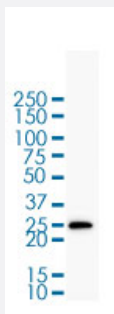
RecomAb™

# BCL2 recombinant monoclonal antibody, clone BCL2/1878R

Catalog # RAB00618

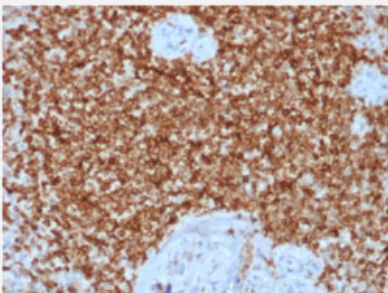
Size 100 ug

## Applications



### Western Blot (Cell lysate)

Western Blot (cell lysate) analysis of MCF-7 cell lysate.



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human spleen.

## Specification

|                            |                                                                               |
|----------------------------|-------------------------------------------------------------------------------|
| <b>Product Description</b> | Rabbit recombinant monoclonal antibody raised against full length human BCL2. |
| <b>Antibody Species</b>    | Rabbit                                                                        |
| <b>Immunogen</b>           | Recombinant protein corresponding to full-length human BCL2.                  |
| <b>Reactivity</b>          | Human                                                                         |
| <b>Form</b>                | Liquid                                                                        |
| <b>Purification</b>        | Protein A/G purification                                                      |

|                     |                                                                                                                                                                                    |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Isotype             | IgG                                                                                                                                                                                |
| Recommend Usage     | Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1-2 ug/mL)<br>Western Blot (1-2 ug/mL)<br>The optimal working dilution should be determined by the end user. |
| Storage Buffer      | In 1 mg/mL PBS                                                                                                                                                                     |
| Storage Instruction | Store at -20 to -80°C.                                                                                                                                                             |

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## Gene Info — BCL2

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID      | <a href="#">596</a>                                                                                                                                                                                                                                                                                                                                                                                            |
| Protein Accession# | <a href="#">P10415</a>                                                                                                                                                                                                                                                                                                                                                                                         |
| Gene Name          | BCL2                                                                                                                                                                                                                                                                                                                                                                                                           |
| Gene Alias         | Bcl-2                                                                                                                                                                                                                                                                                                                                                                                                          |
| Gene Description   | B-cell CLL/lymphoma 2                                                                                                                                                                                                                                                                                                                                                                                          |
| Omim ID            | <a href="#">151430</a>                                                                                                                                                                                                                                                                                                                                                                                         |
| Gene Ontology      | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                                                                                                                      |
| Gene Summary       | This gene encodes an integral outer mitochondrial membrane protein that blocks the apoptotic death of some cells such as lymphocytes. Constitutive expression of BCL2, such as in the case of translocation of BCL2 to Ig heavy chain locus, is thought to be the cause of follicular lymphoma. Two transcript variants, produced by alternate splicing, differ in their C-terminal ends. [provided by RefSeq] |
| Other Designations | B-cell lymphoma protein 2 OTTHUMP00000163680                                                                                                                                                                                                                                                                                                                                                                   |

## Pathway

- [Amyotrophic lateral sclerosis \(ALS\)](#)
- [Apoptosis](#)
- [Colorectal cancer](#)
- [Focal adhesion](#)
- [Neurotrophin signaling pathway](#)
- [Pathways in cancer](#)
- [Prostate cancer](#)
- [Small cell lung cancer](#)

## Disease

- [Adenocarcinoma](#)
- [Alzheimer Disease](#)
- [Amnesia](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Azoospermia](#)
- [Bile Duct Neoplasms](#)
- [Brain Injuries](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Cholangiocarcinoma](#)
- [Chromosome Aberrations](#)
- [Clubfoot](#)

- [Cognition](#)
- [Cognition Disorders](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Hematologic Diseases](#)
- [Hodgkin Disease](#)
- [Kidney Failure](#)
- [Kidney Neoplasms](#)
- [Laryngeal Neoplasms](#)
- [Leukemia](#)
- [Leukemia-Lymphoma](#)
- [Lung Neoplasms](#)
- [Lupus Erythematosus](#)
- [Lymphatic Metastasis](#)
- [Lymphoma](#)
- [Lymphoproliferative Disorders](#)
- [Multiple Sclerosis](#)
- [NARP](#)
- [Neoplasm Invasiveness](#)
- [Neoplasm Recurrence](#)
- [Neovascularization](#)
- [Neuropsychological Tests](#)

- [Occupational Diseases](#)
- [Oropharyngeal Neoplasms](#)
- [Ovarian Neoplasms](#)
- [Postoperative Complications](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Prosthesis Failure](#)
- [Pulmonary Disease](#)
- [Thyroid Neoplasms](#)
- [Translocation](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)