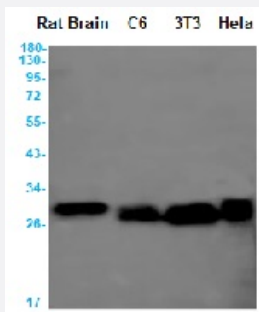


RecomAb™

# BCL2L1 recombinant monoclonal antibody, clone R02-2D3

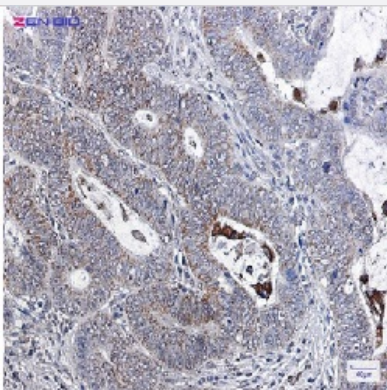
Catalog # RAB01564      Size 100 uL

## Applications



### Western Blot

Western blot analysis of Bcl-XL in rat Brain, C6, 3T3, HeLa lysates using human Bcl-XL recombinant monoclonal antibody, clone R02-2D3 (Cat # RAB01564).



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

Immunohistochemistry (Formalin-fixed paraffin-embedded sections) of Human colon cancer with Bcl-XL recombinant monoclonal antibody, clone R02-2D3 (Cat # RAB01564).

## Specification

|                             |                                                                                       |
|-----------------------------|---------------------------------------------------------------------------------------|
| <b>Product Description</b>  | Rabbit recombinant monoclonal antibody raised against human Bcl-XL.                   |
| <b>Antibody Species</b>     | Rabbit                                                                                |
| <b>Immunogen</b>            | Original antibody is raised against recombinant protein corresponding to human Bcl-XL |
| <b>Theoretical MW (kDa)</b> | Calculated MW: 26 kD                                                                  |
| <b>Reactivity</b>           | Human                                                                                 |

|                            |                                                                                                                                                                                                         |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Form</b>                | Liquid                                                                                                                                                                                                  |
| <b>Purification</b>        | Affinity purification                                                                                                                                                                                   |
| <b>Isotype</b>             | IgG                                                                                                                                                                                                     |
| <b>Recommend Usage</b>     | Immunofluorescence (1:50-1:200)<br>Immunohistochemistry (1:50-1/100)<br>Immunoprecipitation (1:20)<br>Western Blot (1:500-1:1000)<br>The optimal working dilution should be determined by the end user. |
| <b>Storage Buffer</b>      | In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)                                                                                                             |
| <b>Storage Instruction</b> | Store at 4°C for short term. For long term storage store at -20°C.<br>Aliquot to avoid repeated freezing and thawing.                                                                                   |
| <b>Note</b>                | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.                                                                                  |

## Applications

- Western Blot

Western blot analysis of Bcl-XL in rat Brain, C6, 3T3, Hela lysates using human Bcl-XL recombinant monoclonal antibody, clone R02-2D3 (Cat # RAB01564).

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

Immunohistochemistry (Formalin-fixed paraffin-embedded sections) of Human colon cancer with Bcl-XL recombinant monoclonal antibody, clone R02-2D3 (Cat # RAB01564).

- Immunohistochemistry (Frozen sections)

- Immunocytochemistry

- Immunoprecipitation

## Gene Info — BCL2L1

|                           |                        |
|---------------------------|------------------------|
| <b>Entrez GeneID</b>      | <a href="#">598</a>    |
| <b>Protein Accession#</b> | <a href="#">Q07817</a> |
| <b>Gene Name</b>          | BCL2L1                 |

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Alias         | BCL-XL/S, BCL2L, BCLX, Bcl-X, DKFZp781P2092, bcl-xL, bcl-xS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Gene Description   | BCL2-like 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Omim ID            | <a href="#">600039</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Gene Ontology      | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Gene Summary       | <p>The protein encoded by this gene belongs to the BCL-2 protein family. BCL-2 family members form hetero- or homodimers and act as anti- or pro-apoptotic regulators that are involved in a wide variety of cellular activities. The proteins encoded by this gene are located at the outer mitochondrial membrane, and have been shown to regulate outer mitochondrial membrane channel (VDAC) opening. VDAC regulates mitochondrial membrane potential, and thus controls the production of reactive oxygen species and release of cytochrome C by mitochondria, both of which are the potent inducers of cell apoptosis. Two alternatively spliced transcript variants, which encode distinct isoforms, have been reported. The longer isoform acts as an apoptotic inhibitor and the shorter form acts as an apoptotic activator. [provided by RefSeq]</p> |
| Other Designations | OTTHUMP00000030550 OTTHUMP00000030551 OTTHUMP00000030553                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

## Pathway

- [Amyotrophic lateral sclerosis \(ALS\)](#)
- [Apoptosis](#)
- [Chronic myeloid leukemia](#)
- [Jak-STAT signaling pathway](#)
- [Pancreatic cancer](#)
- [Pathways in cancer](#)
- [Small cell lung cancer](#)

## Disease

- [Adenocarcinoma](#)
- [Alzheimer Disease](#)
- [Amnesia](#)
- [Cognition Disorders](#)
- [Colorectal Neoplasms](#)

- [Disease Progression](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Hematologic Diseases](#)
- [Hodgkin Disease](#)
- [Lymphoma](#)
- [Lymphoproliferative Disorders](#)
- [Multiple Sclerosis](#)
- [Neoplasm Metastasis](#)
- [Neuropsychological Tests](#)
- [Occupational Diseases](#)
- [Ovarian Neoplasms](#)
- [Prostatic Neoplasms](#)
- [Urinary Bladder Neoplasms](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)