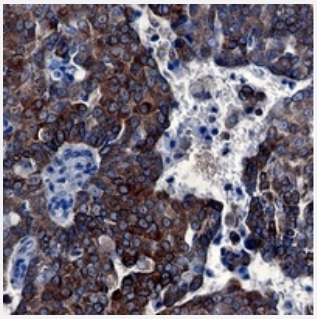
RecomAb™

BCL2 recombinant monoclonal antibody

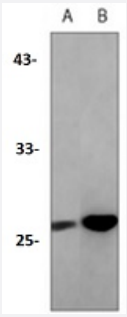
Catalog # RAB02405 Size 100 uL

Applications



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

Immunohistochemical analysis of human breast carcinoma formalin fixed paraffin embedded tissue section using BCL2 recombinant monoclonal antibody (Cat # RAB02405). The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.2). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Western Blot (Cell lysate)

Western blot analysis of Jurkat (A), Hela (B) whole cell lysates with BCL2 recombinant monoclonal antibody (Cat # RAB02405).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against recombinant BCL2.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide of human Bcl-2
Theoretical MW (kDa)	27
Reactivity	Human

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Specificity	Recognizes endogenous levels of BCL2 protein.
Form	Liquid
Preparation Method	Mammalian cell (HEK293) expression system
Purification	Immunogen affinity chromatography
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:100) Immunoprecipitation(1:10-1:50) Western Blot (1:500-1:1000)
Storage Buffer	In 50mM Tris-Glycine, pH 7.4 (0.15M NaCl, 50% Glycerol, 0.01% Sodium azide and 0.05% BSA)
Storage Instruction	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

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

  Immunohistochemical analysis of human breast carcinoma formalin fixed paraffin embedded tissue section using BCL2 recombinant monoclonal antibody (Cat # RAB02405). The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.2). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

- Immunoprecipitation

- Western Blot (Cell lysate)

  Western blot analysis of Jurkat (A), Hela (B) whole cell lysates with BCL2 recombinant monoclonal antibody (Cat # RAB02405).

Gene Info — BCL2

Entrez GeneID	596
Protein Accession#	P10415
Gene Name	BCL2

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Gene Alias	Bcl-2
Gene Description	B-cell CLL/lymphoma 2
Omim ID	151430
Gene Ontology	Hyperlink
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

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- 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

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- 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

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