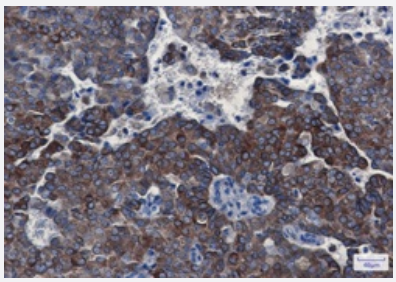
RecomAb™

BCL2 recombinant monoclonal antibody, clone R03-9E1

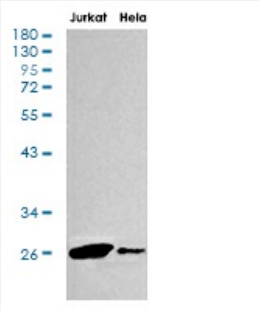
Catalog # RAB01294 Size 100 uL

Applications



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

Immunohistochemistry analysis of paraffin-embedded Human breast cancer using Bcl2 antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Western Blot

Western blot analysis of Bcl2 in Jurkat, Hela lysates using Bcl2 antibody.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human BCL2.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to human Bcl-2.
Theoretical MW (kDa)	Calculated MW: 26 kD
Reactivity	Human
Form	Liquid

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Preparation Method	Mammalian cell (CHO) expression system
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) Immunoprecipitation Western Blot The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA).
Storage Instruction	Store at 4°C. For longer storage, aliquot and store at -20°C. Aliquot to avoid repeated freezing and thawing.
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)

  Immunohistochemistry analysis of paraffin-embedded Human breast cancer using Bcl2 antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

- Immunoprecipitation

- Western Blot

  Western blot analysis of Bcl2 in Jurkat, Hela lysates using Bcl2 antibody.

Gene Info — BCL2

Entrez GeneID	596
Protein Accession#	P10415
Gene Name	BCL2
Gene Alias	Bcl-2
Gene Description	B-cell CLL/lymphoma 2
Omim ID	151430
Gene Ontology	Hyperlink

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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

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- 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

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- 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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