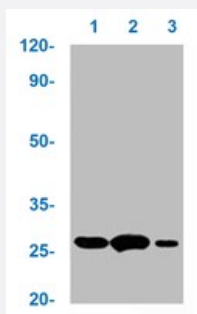


RecomAb™

BCL2 recombinant monoclonal antibody, clone 2C6

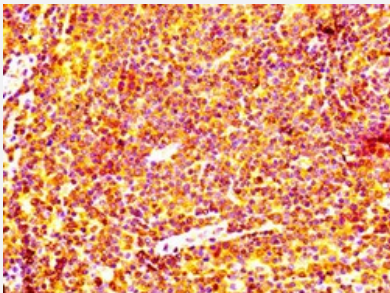
Catalog # RAB04217 Size 100 uL

Applications



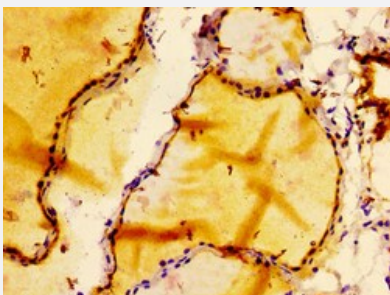
Western Blot

Western blot analysis of Lane 1: HepG2 whole cell lysate, Lane 2: Jurkat whole cell lysate and Lane 3: MCF-7 whole cell lysate with BCL2 recombinant monoclonal antibody, clone 2C6 (Cat # RAB04217).



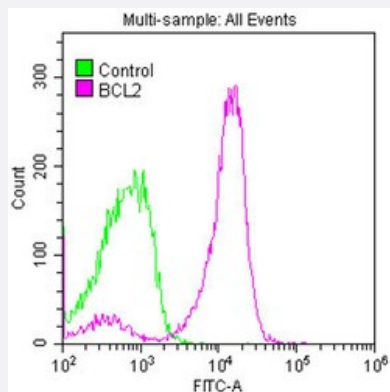
Immunohistochemistry

Immunohistochemical staining of human lymph node tissue with BCL2 recombinant monoclonal antibody, clone 2C6 (Cat # RAB04217) (diluted at 1:100).



Immunohistochemistry

Immunohistochemical staining of human thyroid tissue with BCL2 recombinant monoclonal antibody, clone 2C6 (Cat # RAB04217) (diluted at 1:100).



Flow Cytometry

Flow cytometric analysis of Jurkat cells with BCL2 recombinant monoclonal antibody, clone 2C6 (Cat # RAB04217) (diluted at 1:50; purple line) and negative control (green line).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human BCL2.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human BCL2.
Theoretical MW (kDa)	Calculated MW: 26 kD
Reactivity	Human, Mouse, Rat
Form	Liquid
Purification	Affinity chromatography
Isotype	IgG
Recommend Usage	ELISA Flow Cytometry Immunohistochemistry (1:50-1:500) Western Blot (1:500-1:5000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.4 (150mM NaCl, 50% glycerol and 0.02% sodium azide)
Storage Instruction	store at -20 °C or -80 °C. Aliquot to avoid repeated freezing and thawing.
Note	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 Lane 1: HepG2 whole cell lysate, Lane 2: Jurkat whole cell lysate and Lane 3: MCF-7 whole cell lysate with BCL2 recombinant monoclonal antibody, clone 2C6 (Cat # RAB04217).

- Immunohistochemistry

Immunohistochemical staining of human lymph node tissue with BCL2 recombinant monoclonal antibody, clone 2C6 (Cat # RAB04217) (diluted at 1:100).

- Immunohistochemistry

Immunohistochemical staining of human thyroid tissue with BCL2 recombinant monoclonal antibody, clone 2C6 (Cat # RAB04217) (diluted at 1:100).

- Enzyme-linked Immunoabsorbent Assay

- Flow Cytometry

Flow cytometric analysis of Jurkat cells with BCL2 recombinant monoclonal antibody, clone 2C6 (Cat # RAB04217) (diluted at 1:50; purple line) and negative control (green line).

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](#)

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](#)