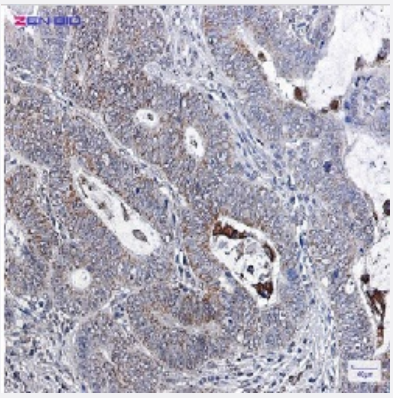
RecomAb™

BCL2L1 recombinant monoclonal antibody, clone R02-2D3

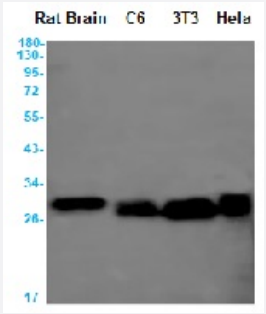
Catalog # RAB01564 Size 100 uL

Applications



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).



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).

Specification

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

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Form	Liquid
Preparation Method	Mammalian cell (CHO) expression system
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence (1:50-1:200) Immunohistochemistry (1:50-1/100) Immunoprecipitation (1:20) Western Blot (1:500-1:1000) 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 short term. For long term storage 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 (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
- 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).

Gene Info — BCL2L1

Entrez GeneID	598
Protein Accession#	Q07817

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Gene Name	BCL2L1
Gene Alias	BCL-XL/S, BCL2L, BCLX, Bcl-X, DKFZp781P2092, bcl-xL, bcl-xS
Gene Description	BCL2-like 1
Omim ID	600039
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene belongs to the BCL-2 protein family. BCL-2 family members for m hetero- or homodimers and act as anti- or pro-apoptotic regulators that are involved in a wide v ariety of cellular activities. The proteins encoded by this gene are located at the outer mitochondri al membrane, and have been shown to regulate outer mitochondrial membrane channel (VDAC) opening. VDAC regulates mitochondrial membrane potential, and thus controls the production of r eactive oxygen species and release of cytochrome C by mitochondria, both of which are the pote nt inducers of cell apoptosis. Two alternatively spliced transcript variants, which encode distinct is oforms, have been reported. The longer isoform acts as an apoptotic inhibitor and the shorter for m acts as an apoptotic activator. [provided by RefSeq
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

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- 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

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