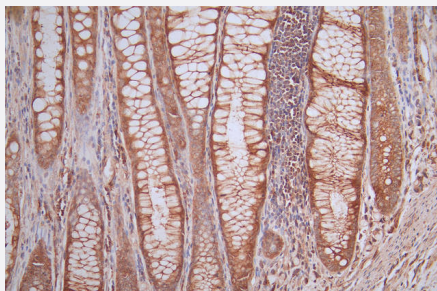


RecomAb™

BAX recombinant monoclonal antibody, clone 15D9

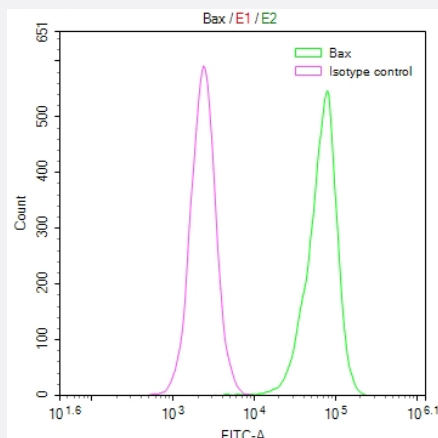
Catalog # RAB07747 Size 100 uL

Applications



Immunohistochemistry

Immunohistochemistry image of BAX recombinant monoclonal antibody, clone 15D9 diluted at 1:50 and staining in paraffin-embedded human rectal cancer performed on a Leica Bond™ system.



Flow Cytometry

Overlay Peak curve showing Hela cells stained with BAX recombinant monoclonal antibody, clone 15D9 (red line) at 1:50.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human BAX.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human BAX.
Reactivity	Human
Form	Liquid

Purification	Affinity chromatography purification
Isotype	IgG
Recommend Usage	ELISA Flow Cytometry(1:50-1:200) Immunohistochemistry(1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.4 (150 mM NaCl, 0.02% sodium azide and 50% glycerol)
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

- Immunohistochemistry

Immunohistochemistry image of BAX recombinant monoclonal antibody, clone 15D9 diluted at 1:50 and staining in paraffin-embedded human rectal cancer performed on a Leica Bond™ system.

- Enzyme-linked Immunoabsorbent Assay

- Flow Cytometry

Overlay Peak curve showing Hela cells stained with BAX recombinant monoclonal antibody, clone 15D9 (red line) at 1:50.

Gene Info — BAX

Entrez GeneID	581
Protein Accession#	Q07812
Gene Name	BAX
Gene Alias	BCL2L4
Gene Description	BCL2-associated X protein
Omim ID	600040
Gene Ontology	Hyperlink

Gene Summary

The protein encoded by this gene belongs to the BCL2 protein family. BCL2 family members form hetero- or homodimers and act as anti- or pro-apoptotic regulators that are involved in a wide variety of cellular activities. This protein forms a heterodimer with BCL2, and functions as an apoptotic activator. This protein is reported to interact with, and increase the opening of, the mitochondrial voltage-dependent anion channel (VDAC), which leads to the loss in membrane potential and the release of cytochrome c. The expression of this gene is regulated by the tumor suppressor P53 and has been shown to be involved in P53-mediated apoptosis. Multiple alternatively spliced transcript variants, which encode different isoforms, have been reported for this gene. [provided by RefSeq]

Other Designations

apoptosis regulator BAX

Pathway

- [Amyotrophic lateral sclerosis \(ALS\)](#)
- [Apoptosis](#)
- [Colorectal cancer](#)
- [Neurotrophin signaling pathway](#)
- [p53 signaling pathway](#)
- [Pathways in cancer](#)
- [Prion diseases](#)

Disease

- [Adenocarcinoma](#)
- [Ataxia Telangiectasia](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Colon cancer](#)
- [Colonic Neoplasms](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)

- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Genomic Instability](#)
- [Head and Neck Neoplasms](#)
- [Helicobacter Infections](#)
- [Hematologic Diseases](#)
- [Hodgkin Disease](#)
- [Kidney Failure](#)
- [Leukemia](#)
- [Liver Cirrhosis](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)
- [Lymphoproliferative Disorders](#)
- [Multiple Sclerosis](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Neovascularization](#)
- [Occupational Diseases](#)
- [Osteomyelitis](#)
- [Parkinson disease](#)
- [Pemphigus](#)
- [Pulmonary Disease](#)
- [Stomach Neoplasms](#)
- [Urinary Bladder Neoplasms](#)
- [Waldenstrom Macroglobulinemia](#)

- [Werner syndrome](#)