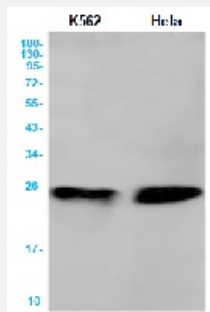


RecomAb™

BAK1 recombinant monoclonal antibody, clone R03-6A8

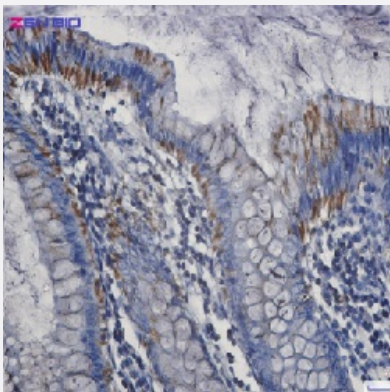
Catalog # RAB01566 Size 100 uL

Applications



Western Blot

Western blot analysis of Bak in K562, HeLa lysates using human Bak recombinant monoclonal antibody, clone R03-6A8 (Cat # RAB01566).



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

Immunohistochemistry (Formalin-fixed paraffin-embedded sections) of Human colon cancer with Bak recombinant monoclonal antibody, clone R03-6A8 (Cat # RAB01566).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against synthetic peptide of human Bak.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human Bak
Theoretical MW (kDa)	Calculated MW: 23 kD
Reactivity	Human

Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	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 should be handled by trained staff only.

Applications

- Western Blot

Western blot analysis of Bak in K562, Hela lysates using human Bak recombinant monoclonal antibody, clone R03-6A8 (Cat # RAB01566).

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

Immunohistochemistry (Formalin-fixed paraffin-embedded sections) of Human colon cancer with Bak recombinant monoclonal antibody, clone R03-6A8 (Cat # RAB01566).

- Immunoprecipitation

Gene Info — BAK1

Entrez GeneID	578
Protein Accession#	Q16611
Gene Name	BAK1
Gene Alias	BAK, BAK-LIKE, BCL2L7, CDN1, MGC117255, MGC3887
Gene Description	BCL2-antagonist/killer 1
Omim ID	600516

Gene Ontology

[Hyperlink](#)

Gene Summary

The protein encoded by this gene belongs to the BCL2 protein family. BCL2 family members form oligomers or heterodimers and act as anti- or pro-apoptotic regulators that are involved in a wide variety of cellular activities. This protein localizes to mitochondria, and functions to induce apoptosis. It interacts with and accelerates the opening of the mitochondrial voltage-dependent anion channel, which leads to a loss in membrane potential and the release of cytochrome c. This protein also interacts with the tumor suppressor P53 after exposure to cell stress. [provided by RefSeq]

Other Designations

BCL2-like 7 protein|Bcl-2 homologous antagonist/killer|OTTHUMP00000016211|OTTHUMP00000039620|apoptosis regulator BAK|pro-apoptotic protein BAK

Disease

- [Adenocarcinoma](#)
- [Arthritis](#)
- [Ataxia Telangiectasia](#)
- [Autoimmune Diseases](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Lung Neoplasms](#)
- [Lupus Erythematosus](#)
- [Lymphoma](#)
- [Lymphoproliferative Disorders](#)
- [Pulmonary Disease](#)
- [Rheumatic Diseases](#)
- [Urinary Bladder Neoplasms](#)

- [Werner syndrome](#)