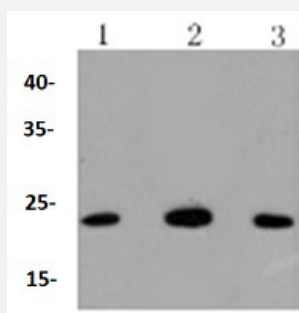


RecomAb™

BAK1 recombinant monoclonal antibody

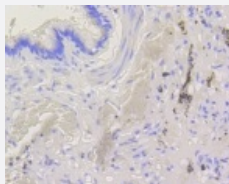
Catalog # RAB02745 Size 100 uL

Applications



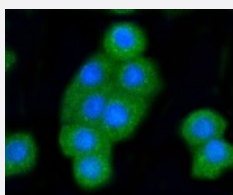
Western Blot

Western blot analysis of Lane1:Hela whole cell lysate Lane2:The skeletal muscle lysate of Human Lane3:AGS whole cell lysate with BAK1 recombinant monoclonal antibody (Cat # RAB02745) at 1:1000 dilution.



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

Immunohistochemical analysis of paraffin-embedded human lung tissue using BAK1 recombinant monoclonal antibody (Cat # RAB02745). Counter stained with hematoxylin.



Immunocytochemistry

Immunocytochemical staining of CRC cells using BAK1 recombinant monoclonal antibody (Cat # RAB02745)(green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton *100/PBS.

Specification

Product Description

Rabbit recombinant monoclonal antibody raised against BAK1.

Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant BAK1.
Theoretical MW (kDa)	23
Reactivity	Human
Specificity	This antibody detects endogenous levels of Bak and does not cross-react with related proteins.
Form	Liquid
Purification	Protein A purification
Isotype	IgG
Recommend Usage	Flow Cytometry (1:50-1:100) Immunocytochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) Immunohistochemistry (1:50-1:200) Western Blot (1:1000-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.2 (50% glycerol and 0.02% sodium azide)
Storage Instruction	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.
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 Lane1:Hela whole cell lysate Lane2:The skeletal muscle lysate of Human Lane3:AGS whole cell lysate with BAK1 recombinant monoclonal antibody (Cat # RAB02745) at 1:1000 dilution.

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- Immunofluorescence
- Flow Cytometry

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](#)
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- [Edema](#)
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- [Kidney Failure](#)
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- [Lupus Erythematosus](#)
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- [Rheumatic Diseases](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)