

Datasheet for ABIN5611250
anti-BAK1 antibody (AA 29-187)

6 Images

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Overview

Quantity:	0.1 mg
Target:	BAK1
Binding Specificity:	AA 29-187
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunocytochemistry (ICC), Flow Cytometry (FACS), Neutralization (Neut)

Product Details

Immunogen:	Purified recombinant fragment of human BAK1 (AA: 29-187) expressed in E. coli.
Clone:	2H9H7
Isotype:	IgG2b
Purification:	purified

Target Details

Target:	BAK1
Alternative Name:	BAK1 (BAK1 Products)
Background:	Description: 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

Target Details

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.

Aliases: BAK, CDN1, BCL2L7, BAK-LIKE

Molecular Weight: 23.4 kDa

Gene ID: 578

HGNC: 578

Pathways: [Apoptosis](#), [Steroid Hormone Mediated Signaling Pathway](#), [ER-Nucleus Signaling](#), [Positive Regulation of Endopeptidase Activity](#), [Unfolded Protein Response](#)

Application Details

Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000, ICC: N/A, FCM: 1:200 - 1:400, IHC: 1:200 - 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

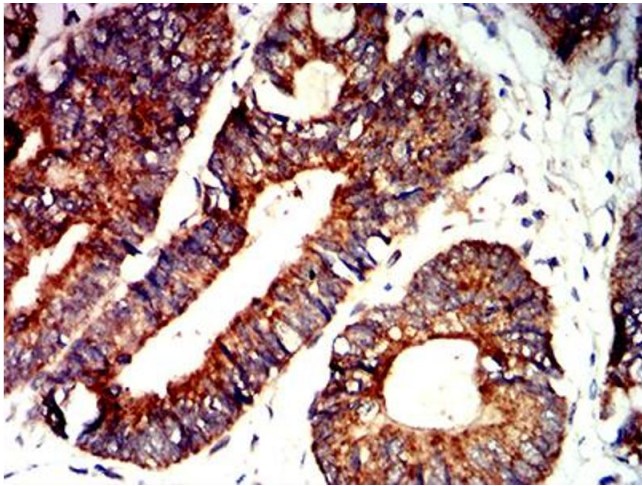
Buffer: Purified antibody in PBS with 0.05 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

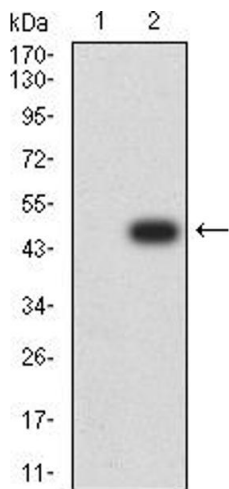
Storage: 4 °C/-20 °C

Storage Comment: 4°C, -20°C for long term storage



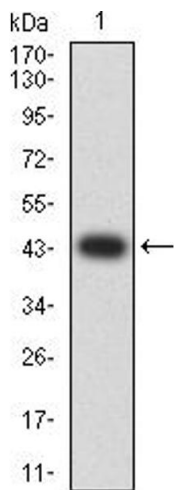
Immunohistochemistry

Image 1. Immunohistochemical analysis of paraffin-embedded rectum cancer tissues using BAK1 mouse mAb with DAB staining.



Western Blotting

Image 2. Western blot analysis using BAK1 mAb against HEK293 (1) and BAK1 (AA: 29-187)-hlgGFc transfected HEK293 (2) cell lysate.



Western Blotting

Image 3. Western blot analysis using BAK1 mAb against human BAK1 (AA: 29-187) recombinant protein. (Expected MW is 43.9 kDa)

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN5611250.