Rabbit anti-Human Bak Monoclonal Antibody | anti-Bak antibody

Bak Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA269278	**Rabbit**	**Human**	**Immunoprecipitation, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

Bak; Monoclonal Antibody; Bak Rabbit mAb; BAK1; BAK; BCL2L7; CDN1; Bcl-2 homologous antagonist/killer; Apoptosis regulator BAK; Bcl-2-like protein 7; Bcl2-L-7; anti-Bak antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Clone Number	R03-6A8
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Applicable Applications for anti-Bak antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human Bak
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.

IMAGES

IHC (Immunohiostchemistry)
Immunohistochemistry analysis of paraffin-embedded Human colon cancer using Bakantibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigenretrieval.

WB (Western Blot)
Western blot analysis of Bak in K562, Hela lysates using Bak antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-Bak antibody	Bak is a proapoptotic member of the Bcl-2 family. This protein is located on the outer membrane of mitochondria and is an essential component for transduction of apoptotic signals through the mitochondrial pathway. Upon apoptotic stimulation, an upstream stimulator like truncated BID (tBID) induces conformational changes in Bak to form oligomer channels in the mitochondrial membrane for cytochrome c release. The release of cytochrome c to the cytosol activates the caspase-9 pathway and eventually leads to cell death
Product Categories/Family for anti-Bak antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502363
NCBI GeneID	578
NCBI Accession #	NP_001179.1
NCBI GenBank Nucleotide #	NM_001188.3
UniProt Accession #	Q16611; Q6I9T6; Q92533
Molecular Weight	23,409 Da
NCBI Official Full Name	bcl-2 homologous antagonist/killer
NCBI Official Synonym Full Names	BCL2-antagonist/killer 1
NCBI Official Symbol	BAK1
NCBI Official Synonym Symbols	BAK; CDN1; BCL2L7; BAK-LIKE
NCBI Protein Information	bcl-2 homologous antagonist/killer; bcl2-L-7; BCL2-like 7 protein; bcl-2-like protein 7; apoptosis regulator BAK; pro-apoptotic protein BAK
UniProt Protein Name	Bcl-2 homologous antagonist/killer
UniProt Gene Name	**BAK1**
UniProt Synonym Gene Names	BAK; BCL2L7; CDN1; Bcl2-L-7
UniProt Entry Name	BAK_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/bak-antibody-clone-r03-6a8-immunoprecipitation-immunohistochemistry-western-blot-elisa/269278