



Rabbit Anti-Human BAK1 Monoclonal Antibody, Clone S14-7B9 (DMAB-JX2362718)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	Bak
Immunogen	A synthetic peptide of human Bak
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	S14-7B9
Purification	Affinity Purification
Conjugate	Unconjugated
Applications	WB: 1/500-1/1000 IHC: 1/50-1/100 IP: 1/20 Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
Format	Purified, Liquid
Concentration	Lot specific
Size	20 µL, 50 µL, 100 µL
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Preservative	0.01% Sodium azide

Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
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Ship	Wet ice
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BACKGROUND

Introduction	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.
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GENE INFORMATION

Entrez Gene ID	578
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UniProt ID	Q16611
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