

Product datasheet for **TA383803M**

Bak (BAK1) Rabbit Polyclonal Antibody

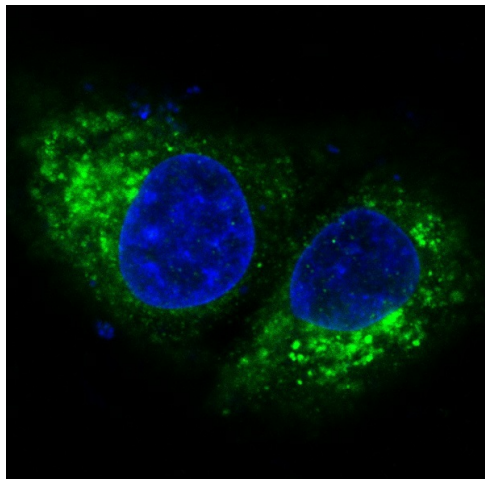
Product data:

Product Type:	Primary Antibodies
Applications:	FC, IF, IHC, IP, WB
Recommended Dilution:	WB: 1/500-1/2000
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	A synthesized peptide derived from human Bak
Formulation:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration:	lot specific
Purification:	Affinity Chromatography
Conjugation:	Unconjugated
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Stability:	1 year
Predicted Protein Size:	23kDa
Gene Name:	BCL2 antagonist/killer 1
Database Link:	Entrez Gene 578 Human Q16611
Background:	Swiss-Prot Acc.Q16611.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.
Synonyms:	BAK; BAK-LIKE; Bcl2-L-7; BCL2L7; CDN1; MGC3887; MGC117255

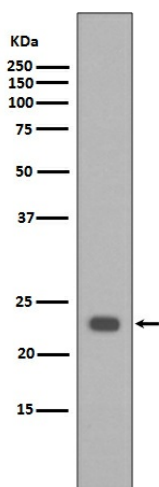


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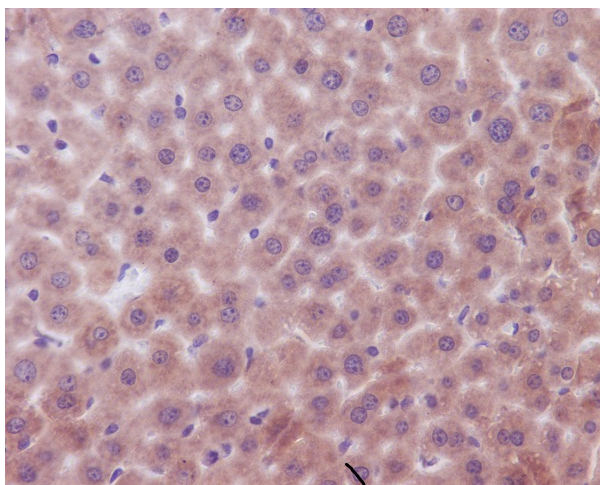
Product images:



Immunofluorescent analysis of HeLa cells, using Bak Antibody .



Western blot analysis of extracts of HeLa cell lysate, using BAK1 antibody.



Immunohistochemical analysis of paraffin-embedded mouse liver, using Bak Antibody.