

Bak Antibody

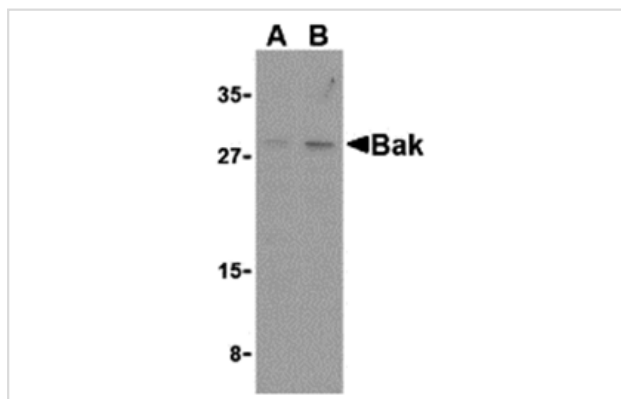
Catalog No: #24249

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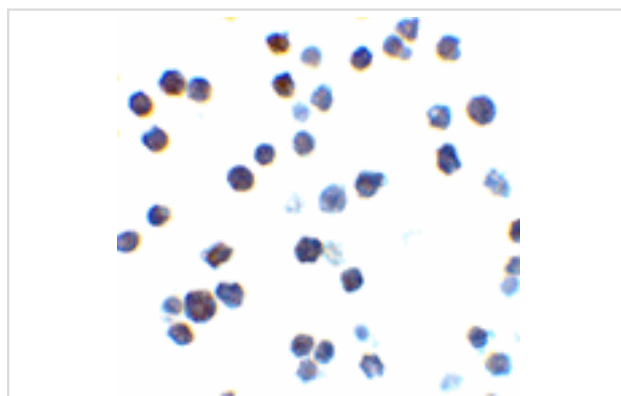
Description

Product Name	Bak Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Bak Antibody is affinity chromatography purified via peptide column.
Applications	ELISA WB ICC
Species Reactivity	Hu Ms
Immunogen Type	Peptide
Immunogen Description	Raised against a peptide corresponding to 13 amino acids near the amino-terminus of human Bak.
Target Name	Bak
Accession No.	Q16611
Uniprot	Q16611
GeneID	578;
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

Images



Western blot analysis of Bak in L1210 cell lysates with Bak antibody at (A) 1 and (B) 2 ug/mL.



Immunocytochemistry of Bak in L1210 cells with Bak antibody at 2 ug/mL.

Background

Apoptosis plays a major role in normal organism development, tissue homeostasis, and removal of damaged cells. Disruption of this process has been implicated in a variety of diseases such as cancer. The Bcl-2 family of proteins is comprised of critical regulators of apoptosis that can be divided into two classes: those that inhibit apoptosis and those that promote cell death. Bak, a pro-apoptotic Bcl-2 family member, is an oligomeric protein that localizes to the mitochondria. It is thought to share significant functional homology with Bax, another pro-apoptotic Bcl-2 family member, as disruption of bak or bax has little effect on cell death, but mice lacking both genes display multiple developmental defects and cells lacking bak and bax show decreased apoptotic capability.

Note: This product is for in vitro research use only