

Product Datasheet

Bak Antibody

Catalog No: CY5372

Reactivity: Human

Isotype: Rabbit IgG

Applications: WB IHC ICC IP FC



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Information

UniProt ID: Q16611

All Names: BAK1;BAK;BAK-LIKE;BCL2L7;CDN1;MGC117255;MGC3887;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 23 kDa

Application

WB: 1:500~1:2000

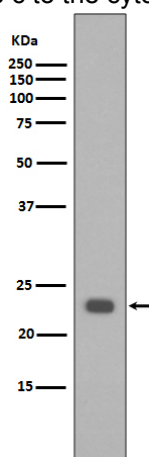
IHC: 1:50~1:200

ICC: 1:50~1:200

IP: 1:50

Background

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.



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

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