ABGENEX Pvt. Ltd.,
E-5, Infocity, KIIT Post Office,
Tel : +91-674-2720712, +91-9437550560
Email : info@abgenex.com
Bhubaneswar, Odisha - 751024, INDIA

32-6048: Mouse Anti Human Bcl-2 homologous antagonist/killer(Clone:PAT8B4AT.)

Clonality :	Monoclonal
Clone Name :	PAT8B4AT.
Application :	ELISA,WB ,FACS
Gene :	BAK1
Gene ID :	578
Uniprot ID :	Q16611
Format :	Purified
Alternative Name :	Bcl-2 homologous antagonist/killer,Apoptosis regulator BAK,Bcl-2-like protein 7,Bcl2-L-7,BAK1,BAK,BCL2L7,CDN1,MGC3887,BAK-LIKE,MGC117255.
Isotype :	Mouse IgG2a heavy chain and k light chain.
Immunogen Information :	Anti-human BAK1 mAb, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with recombinant human BAK1 amino acids 29-187 purified from E. coli.

Description

BAK1 is a member of the BCL2 protein family. The BCL2 family members form oligomers or heterodimers and act as anti- or pro-apoptotic regulators which are involved in a wide variety of cellular activities. The BAK1 gene encodes a receptor-like kinase (RLK) with a putative extracellular domain, a single transmembrane domain, an intracellular-juxtamembrane domain, and a kinase domain. BAK1 localizes to mitochondria, and functions to induce apoptosis. BAK1 interacts with and accelerates the opening of the mitochondrial voltage-dependent anion channel, leading to a loss in membrane potential and the release of cytochrome c. Furthermore, BAK1 interacts with the tumor suppressor P53 after exposure to cell stress. BAK1 expression is linked to the progression of Prostate cancer.

Product Info

Amount :	20 µg
Purification :	BAK1 antibody was purified from mouse ascitic fluids by protein-G affinity chromatography.
Content :	1mg/ml containing PBS, pH-7.4, & 0.1% Sodium Azide.
Storage condition :	For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles.

Application Note

BAK1 antibody has been tested by ELISA, Western blot and Immunofluorescence analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. Recommended dilution range for Western blot analysis and Immunofluorescence is 1:250 ~ 500.Recommended starting dilution is 1:250.