

Mouse anti-Human BAK Monoclonal Antibody | anti-BAK antibody

BAK Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA62339	Mouse	Human	Flow Cytometry, Functional Assay, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

BAK; Monoclonal Antibody; BAK Mouse mAb; Apoptosis regulator BAK; BAK1; Bcl-2 homologous antagonist/killer; Bcl-2-like protein 7; BCL2-antagonist/killer 1; Bcl2-L-7; BCL2-like 7 protein; BCL2L7; CDN1; cell death inhibitor 1; pro-apoptotic protein BAK; anti-BAK antibody

PRODUCT SPECIFICATIONS

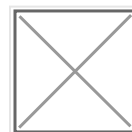
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Applicable Applications for anti-BAK antibody	FCM/FACS (Flow Cytometry), IP (Immunoprecipitation), WB (Western Blot)
Source Note	This monoclonal antibody is produced by immunizing mice with a sythetic peptide(KLH coupled)corresponding to amino-terminal residues of human BAK.
Preparation and Storage	Store at -20 degree C. Stable for one year from the date of shipment.

IMAGES



FCM/FACS (Flow Cytometry)

Flow cytometric analysis of 2% paraformaldehyde-fixed THP1 (Human acute monocytic leukemia cell line) cells labeling BAK with M25232 at 1/200 dilution (red) compared with a mouse monoclonal IgG isotype control (black) and an unlabelled control (cells without incubation with primary antibody, blue). Goat anti-mouse IgG (FITC) at 1/300 dilution was used as the secondary antibody.



IP (Immunoprecipitation)

BAK was immunoprecipitated from 1mg of THP1 cells membrane fraction, blotted with M25232 of 10 ug. Western blot was performed from the immunoprecipitate using M25232 at 1/1000 dilution. Anti-Mouse-IgG(HRP), specific to the non-reduced form of IgG, was used as secondary antibody at 1/10000 dilution. Lane 1: THP1 cells membrane fraction. Lane2: IP product of THP1 cells membrane fraction.Predicted band size : 24 KDaObserved band size : 24 KDaBlocking and dilution buffer and concentration:5% milk/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-BAK antibody	The protein encoded by this gene belongs to the BCL2 protein family. BCL2 family members form oligomers or heterodimers and act as anti-or pro-apoptotic regulators that are involved in a wide variety of cellular activities. This protein localizes to mitochondria, and functions to induce apoptosis. It interacts with and accelerates the opening of the mitochondrial voltage-dependent anion channel, which leads to a loss in membrane potential and the release of cytochrome c. This protein also interacts with the tumor suppressor P53 after exposure to cell stress.
Product Categories/Family for anti-BAK antibody	Cell Marker; Subcellular Marker; Membrane

NCBI AND UNIPROT INFORMATION

Molecular Weight	Predicted MW: 24kDa
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/bak-antibody-flow-cytometry-immunoprecipitation-western-blot-elisa/62339>