

Product Datasheet

BAK Antibody (38E2) - BSA Free NBP1-74026-100ul

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-74026-100ul

BAK Antibody (38E2) - BSA Free

Product Information

Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	38E2
Preservative	0.02% Sodium Azide
Isotype	IgG2a Kappa
Purity	Protein G purified
Buffer	PBS (pH 7.4), 10% Glycerol

Product Description

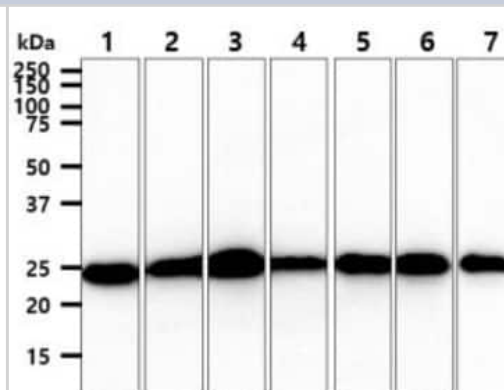
Host	Mouse
Gene ID	578
Gene Symbol	BAK1
Species	Human
Immunogen	Recombinant human BAK (29-187aa) purified from E.coli

Product Application Details

Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:250-500, Flow Cytometry, ELISA 1:100-1:2000, Immunocytochemistry/ Immunofluorescence 1:250-500

Images

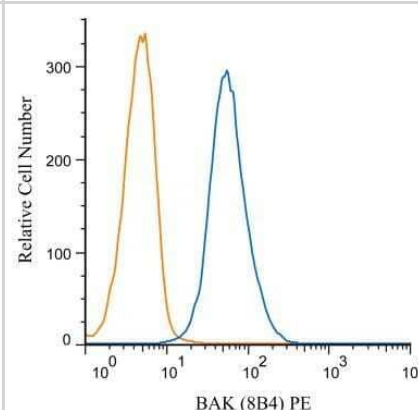
Western Blot: BAK Antibody (AT38E2) [NBP1-74026] - The cell lysate (40ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human BAK1 antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system. Lane 1 : 293T cell lysate Lane 2 : HeLa cell lysate Lane 3 : A431 cell lysate Lane 4 : A549 cell lysate Lane 5 : Jurkat cell lysate Lane 6 : MCF7 cell lysate Lane 7 : PC3 cell lysate



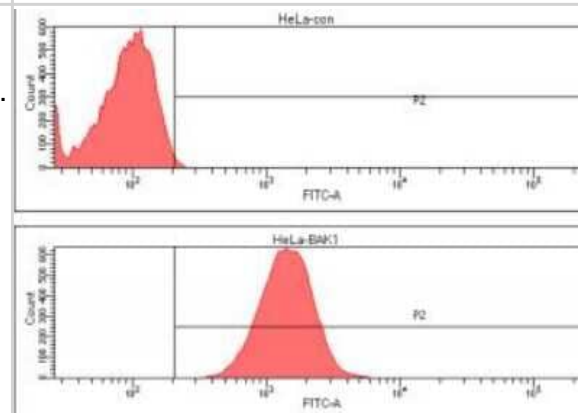
Immunocytochemistry/Immunofluorescence: BAK Antibody (AT38E2) [NBP1-74026] - Analysis of BAK1 in HeLa cells line, stained with DAPI (Blue) for nucleus staining and monoclonal anti-human HeLa antibody (1:100) with goat anti-mouse IgG-Alexa fluor 488 conjugate (Green)



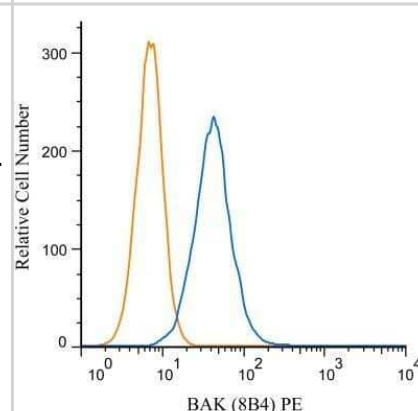
Flow Cytometry: BAK Antibody (AT38E2) [NBP1-74026] - Flow Cytometry: BAK Antibody (8B4) [PE] [NBP1-74026PE] - An intracellular stain was performed on Jurkat cells with BAK antibody (8B4) NBP1-74026PE (blue) and a matched isotype control NB600-985PE (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 1 ug/mL for 30 minutes at room temperature. Both antibodies were conjugated to phycoerythrin. Image using the PE form of this antibody.



Flow Cytometry: BAK Antibody (AT38E2) [NBP1-74026] - Analysis of BAK1 in HeLa cell line, staining at 2-5ug for 1x10⁶ cells (red line). The secondary antibody used goat anti-mouse IgG Alexa fluor 488 conjugate. Isotype control antibody was mouse IgG (black line).



Flow Cytometry: BAK Antibody (AT38E2) [NBP1-74026] - Flow Cytometry: BAK Antibody (8B4) [PE] [NBP1-74026PE] - An intracellular stain was performed on RAW 246.7 cells with BAK antibody (8B4) NBP1-74026PE (blue) and a matched isotype control NB600-985PE (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 1 ug/mL for 30 minutes at room temperature. Both antibodies were conjugated to phycoerythrin. Image using the PE form of this antibody.



Publications

Carter BZ, Mak PY, Tao W et al. Combined inhibition of BCL-2 and MCL-1 overcomes BAX deficiency-mediated resistance of TP53-mutant acute myeloid leukemia to individual BH3 mimetics Blood cancer journal 2023-04-24 [PMID: 37088806] (WB, Human)

Gallardo-Vera F, Tapia-Rodriguez M, Diaz D et al. Vanadium pentoxide increased PTEN and decreased SHP1 expression in NK-92MI cells, affecting PI3K-AKT-mTOR and Ras-MAPK pathways. J Immunotoxicol 2018-12-01 [PMID: 29228829] (ICC/IF, Human)





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Products Related to NBP1-74026-100ul

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
NBP1-74026PE	BAK Antibody (38E2) [PE]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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