

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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Publications: 2

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NBP1-74026-100ul

BAK Antibody (38E2) - BSA Free

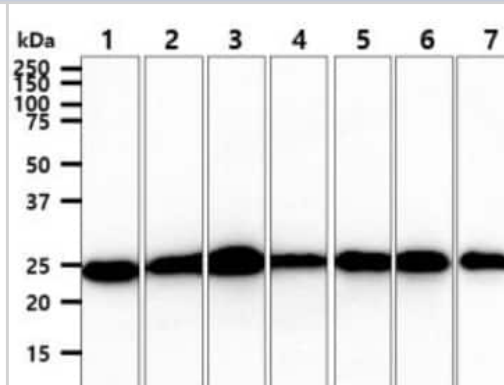
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	38E2
Preservative	0.02% Sodium Azide
Isotype	IgG2a Kappa
Purity	Protein G purified
Buffer	PBS (pH 7.4), 10% Glycerol

Product Description	
Description	Novus Biologicals Mouse BAK Antibody (38E2) - BSA Free (NBP1-74026) is a monoclonal antibody validated for use in WB, ELISA, Flow and ICC/IF. Anti-BAK Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	578
Gene Symbol	BAK1
Species	Human
Immunogen	Recombinant human BAK (29-187aa) purified from E.coli

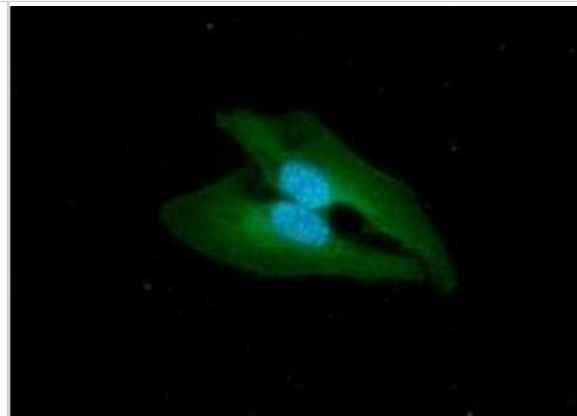
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:250-500, Flow Cytometry, ELISA 1:100-1:2000, Immunocytochemistry/ Immunofluorescence 1:250-500

Images

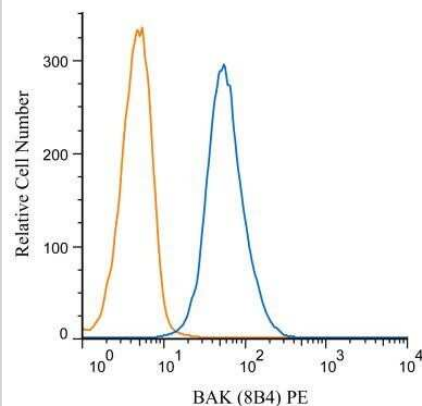
Western Blot: BAK Antibody (AT38E2) [NBP1-74026] - The cell lysate (40ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human BAK1 antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system. Lane 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



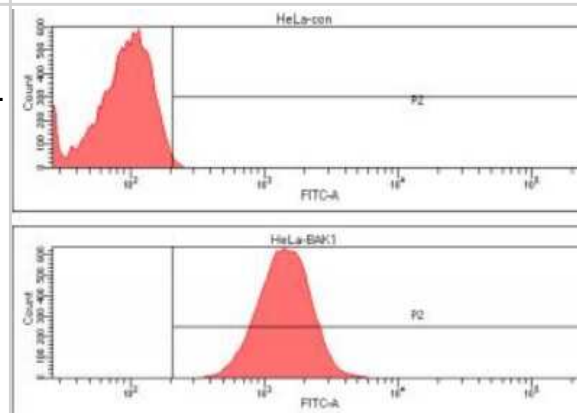
Immunocytochemistry/Immunofluorescence: BAK Antibody (AT38E2) [NBP1-74026] - Analysis of BAK1 in HeLa cells line, stained with DAPI (Blue) for nucleus staining and monoclonal anti-human HeLa antibody (1:100) with goat anti-mouse IgG-Alexa fluor 488 conjugate (Green)



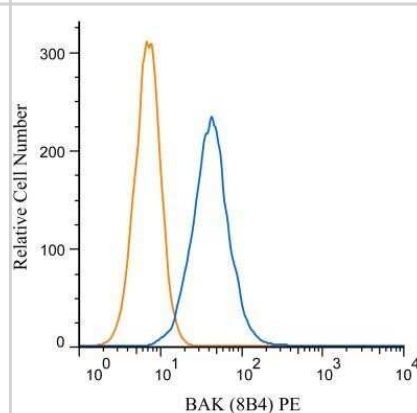
Flow Cytometry: BAK Antibody (AT38E2) [NBP1-74026] - Flow Cytometry: BAK Antibody (8B4) [PE] [NBP1-74026PE] - An intracellular stain was performed on Jurkat cells with BAK antibody (8B4) NBP1-74026PE (blue) and a matched isotype control NB600-985PE (orange). Cells were fixed with 4% PFA and then permeabilized 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

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)

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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