

Product Datasheet

Bax Antibody (2D2) - Azide and BSA Free NBP2-33092

Unit Size: 0.1 mg

Store at -20 to -80C. Avoid freeze-thaw cycles.

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NBP2-33092

Bax Antibody (2D2) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	2D2
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS
Target Molecular Weight	21 kDa

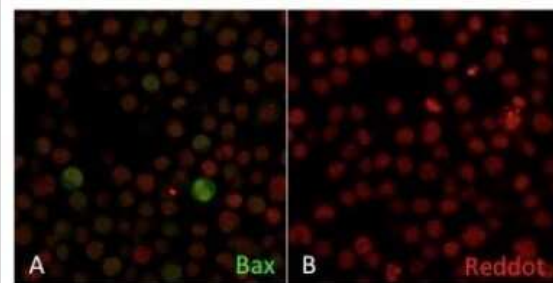
Product Description	
Description	1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-29468). Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	581
Gene Symbol	BAX
Species	Human, Monkey, Mouse (Negative), Rat (Negative)
Reactivity Notes	Does not react with Mouse or Rat.
Marker	Apoptosis Marker
Specificity/Sensitivity	Recognizes a protein of 21kDa, identified as the Bax protein. This monoclonal antibody is highly specific to Bax and shows no cross-reaction with Bcl-2 or Bcl-X protein. Bcl-2 blocks cell death following a variety of stimuli. Bax has extensive amino acid homology with Bcl-2 and it homodimerizes and forms heterodimers with Bcl-2. Overexpression of Bax accelerates apoptotic death induced by cytokine deprivation in an IL-3 dependent cell line, and Bax also counters the death repressor activity of Bcl-2.
Immunogen	A synthetic peptide, aa 3-16 (Cys-GSGEQPRGGGPTSS) of human bax protein. (Uniprot: Q07812)

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin
Application Notes	Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 1mM EDTA buffer, pH 7.5-8.5, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.

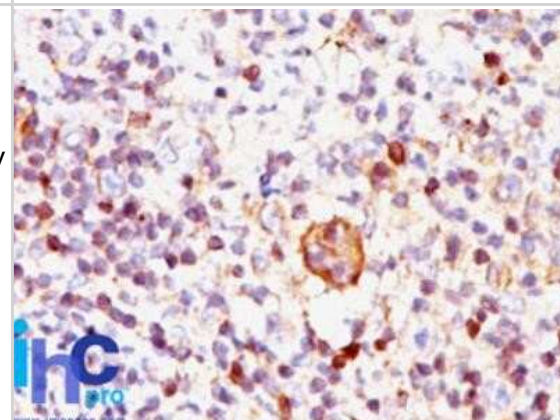


Images

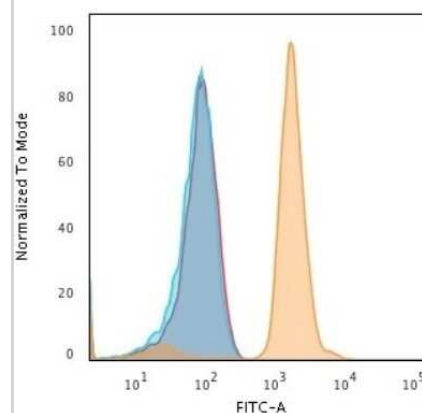
Immunocytochemistry/Immunofluorescence: Bax Antibody (2D2) - Azide and BSA Free [NBP2-33092] - Confocal Immunofluorescence of Human Jurkat cells. A. Bax Antibody (2D2) B. Goat anti Mouse CF488. labeled with CF488 (Green); Red Dot is used to label the nuclei.



Immunohistochemistry-Paraffin: Bax Antibody (2D2) - Azide and BSA Free [NBP2-33092] - Formalin-fixed, paraffin-embedded Hodgkin's lymphoma stained with Bax 2D2 antibody at 1:200 using peroxidase-conjugate and DAB chromogen. Perform antigen retrieval by boiling tissue sections in 10mM citrate buffer, pH 6.0. Incubate the 2D2 antibody for



Flow Cytometry: Bax Antibody (2D2) - Azide and BSA Free [NBP2-33092] - Flow Cytometric Analysis of human Jurkat cells using Bax Antibody (2D2) followed by Goat anti-Mouse IgG-CF488 (Orange); cells alone (Blue); Isotype Control (Red).





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Products Related to NBP2-33092

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
H00000581-P01-10ug	Recombinant Human Bax GST (N-Term) Protein

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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