

Product Datasheet

Jak3 Antibody (5H2) - BSA Free NBP2-37737

Unit Size: 0.1 ml

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

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Updated 10/23/2024 v.20.1

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NBP2-37737

Jak3 Antibody (5H2) - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	5H2
Preservative	0.03% Sodium Azide
Isotype	IgG1
Purity	Unpurified
Buffer	Ascites
Target Molecular Weight	125 kDa

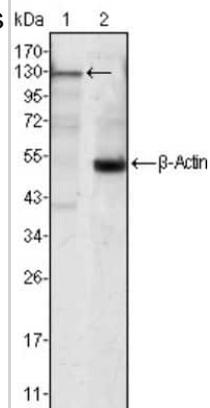
Product Description	
Host	Mouse
Gene ID	3718
Gene Symbol	JAK3
Species	Human, Mouse
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
Immunogen	Purified recombinant fragment of human Jak3 expressed in E. Coli.

Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:500 - 1:2000, Flow Cytometry 1:200 - 1:400, ELISA 1:10000, Immunocytochemistry/ Immunofluorescence 1:200 - 1:1000

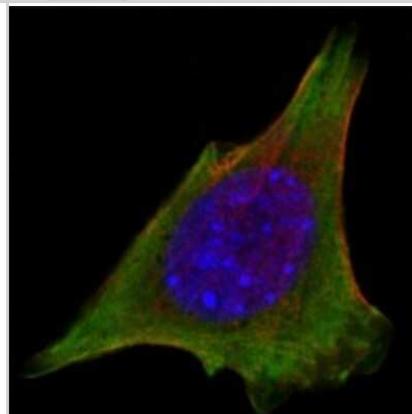


Images

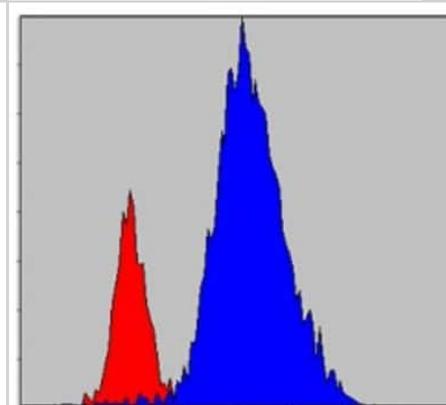
Western Blot: Jak3 Antibody (5H2) [NBP2-37737] - Western blot analysis using JAK3 mouse mAb against Jurkat cell lysate (1).



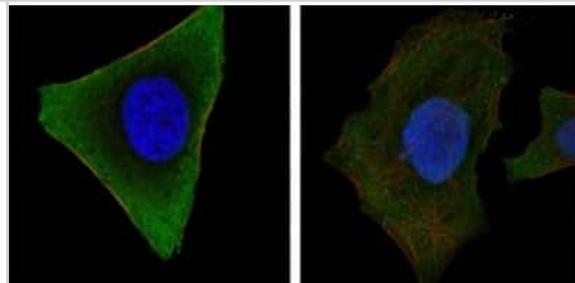
Immunocytochemistry/Immunofluorescence: Jak3 Antibody (5H2) [NBP2-37737] - Confocal immunofluorescence analysis of 3T3-L1 cells using JAK3 mouse mAb (green). Red: Actin filaments have been labeled with DY-554 phalloidin. Blue: DRAQ5 fluorescent DNA dye.



Flow Cytometry: Jak3 Antibody (5H2) [NBP2-37737] - Flow cytometric analysis of HeLa cells using JAK3 mouse mAb (blue) and negative control (red).



Immunocytochemistry/Immunofluorescence: Jak3 Antibody (5H2) [NBP2-37737] - Confocal immunofluorescence analysis of HeLa (left) and HepG2 (right) cells using JAK3 mouse mAb (green). Red: Actin filaments have been labeled with DY-554 phalloidin. Blue: DRAQ5 fluorescent DNA dye.



Publications

Vadivel CK, Glud M, Torres-Rusillo S, et al. JAK3 Is Expressed in the Nucleus of Malignant T Cells in Cutaneous T Cell Lymphoma (CTCL) Cancers 2021-01-14 [PMID: 33466582] (WB, Human)

Oh JG, Hwang DJ, Heo TH. Direct regulation of IL-2 by curcumin Biochem. Biophys. Res. Commun. 2017-11-07 [PMID: 29127008] (WB, Mouse)





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Products Related to NBP2-37737

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP2-49629PEP	Jak3 Recombinant Protein Antigen

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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