

Product Datasheet

Jak2 Antibody (53B7) - BSA Free NBP2-59451-100ul

Unit Size: 100 ul

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

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NBP2-59451-100ul

Jak2 Antibody (53B7) - BSA Free

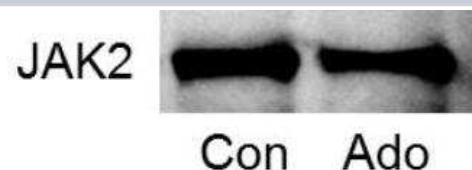
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	53B7
Preservative	0.02% Sodium Azide
Isotype	IgG2b Kappa
Purity	Protein A purified
Buffer	PBS (pH 7.4), 10% Glycerol

Product Description	
Description	Novus Biologicals Mouse Jak2 Antibody (53B7) - BSA Free (NBP2-59451) is a monoclonal antibody validated for use in WB, ELISA, Flow, ICC/IF and Simple Western. Anti-Jak2 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	3717
Gene Symbol	JAK2
Species	Human
Immunogen	Recombinant human JAK2 (1014-1132aa) purified from E. coli

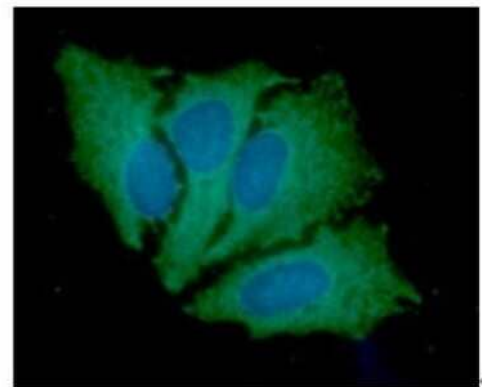
Product Application Details	
Applications	Western Blot, Simple Western, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Microarray
Recommended Dilutions	Western Blot 1:1000, Simple Western 1:20, Flow Cytometry, ELISA, Immunocytochemistry/Immunofluorescence 1:100, Microarray
Application Notes	This Jak2 Antibody (53B7) is validated for microarray from a verified customer review. See Simple Western Antibody Database for Simple Western validation: Tested in KB, separated by Size, antibody dilution of 1:20

Images

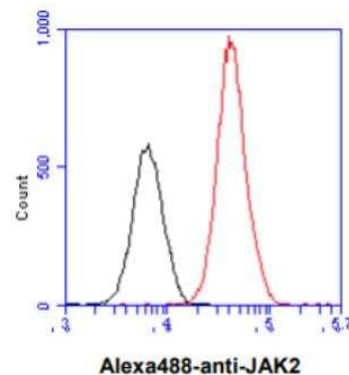
Western Blot: Jak2 Antibody (53B7) [NBP2-59451] - Human breast cancer MCF7 cells were treated with control (Con) or Adenosine (Ado) and the expression of JAK2 was detected. Western blot image submitted by a verified customer review.



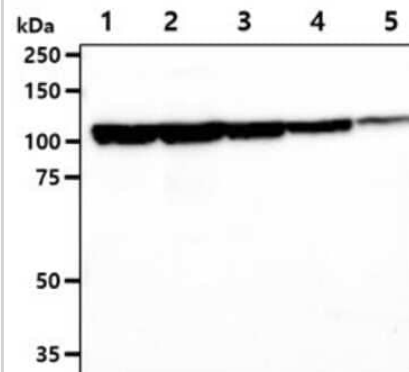
Immunocytochemistry/Immunofluorescence: Jak2 Antibody (53B7) [NBP2-59451] - Analysis of JAK2 in HeLa cells line, stained with DAPI (Blue) and anti-human JAK2 antibody at 1:100 with goat anti-mouse IgG Alexa Fluor 488 conjugate (Green).



Flow Cytometry: Jak2 Antibody (53B7) [NBP2-59451] - Analysis of JAK2 in HeLa cell line, antibody at 2 - 5 ug per 10^6 cells (red line). Secondary antibody: goat anti-mouse IgG Alexa Fluor 488 conjugate. Isotype control antibody: mouse IgG (black line).



Western Blot: Jak2 Antibody (53B7) [NBP2-59451] - Lane 1: K-562 cell lysates, Lane 2: TF-1 cell lysates, Lane 3: 293T cell lysates, Lane 4: Jurkat cell lysates, Lane 5: THP-1 cell lysates



Microarray: Jak2 Antibody (53B7) [NBP2-59451] - Antibody was printed on custom arrays and incubated with fluorescently labeled human EDTA plasma. Microarray image submitted by a verified customer review.



Publications

Futoon Abedrabbu Al-Rawashde, Abdullah Saleh Al-wajeih, Mansoureh Nazari Vishkaei, Hanan Kamel M. Saad, Muhammad Farid Johan, Wan Rohani Wan Taib et al. Thymoquinone Inhibits JAK/STAT and PI3K/Akt/ mTOR Signaling Pathways in MV4-11 and K562 Myeloid Leukemia Cells Pharmaceuticals (Basel) 2022-09-08 [PMID: 36145344]

Ng ASN, Zhang S, Mak VCY et al. AKTIP loss is enriched in ER alpha -positive breast cancer for tumorigenesis and confers endocrine resistance Cell reports 2022-12-13 [PMID: 36516775] (WB, Human)

Al-Rawashde FA, Wan Taib WR, Ismail I et al. Thymoquinone Induces Downregulation of BCR-ABL/JAK/STAT Pathway and Apoptosis in K562 Leukemia Cells Asian Pacific journal of cancer prevention : APJCP 2021-12-01 [PMID: 34967577] (WB, Human)





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Products Related to NBP2-59451-100ul

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]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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