

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	
Host	Mouse
Gene ID	3717
Gene Symbol	JAK2
Species	Human
Immunogen	Recombinant human JAK2 (1014-1132aa) purified from E. coli

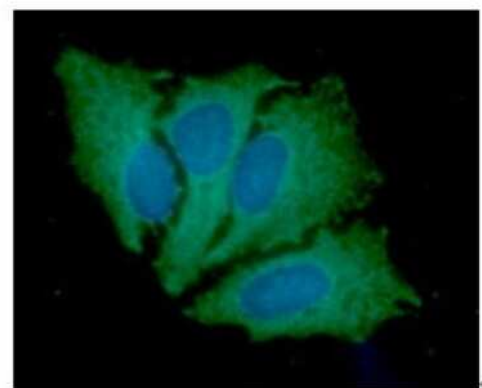
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Microarray
Recommended Dilutions	Western Blot 1:1000, Flow Cytometry, ELISA, Immunocytochemistry/ Immunofluorescence 1:100, Microarray
Application Notes	This Jak2 Antibody (53B7) is validated for microarray from a verified customer review.

Images

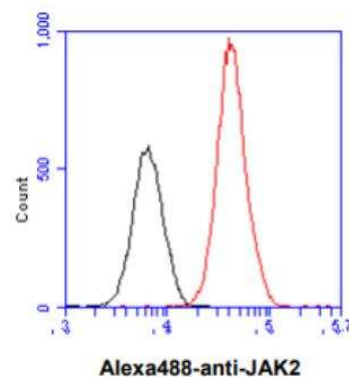
Western Blot: Jak2 Antibody (53B7) [NBP2-59451] - Human breast cancer MCF7 cells were treated with control (Con) or Adenosine (Ado) and the expression of JAK2 was detected. Western blot image submitted by a verified customer review.



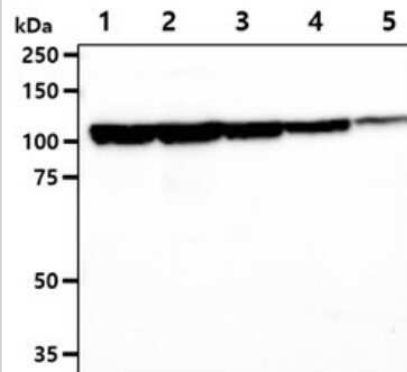
Immunocytochemistry/Immunofluorescence: Jak2 Antibody (53B7) [NBP2-59451] - Analysis of JAK2 in HeLa cells line, stained with DAPI (Blue) and anti-human JAK2 antibody at 1:100 with goat anti-mouse IgG Alexa Fluor 488 conjugate (Green).



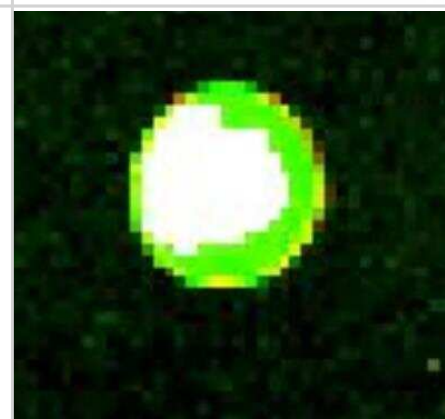
Flow Cytometry: Jak2 Antibody (53B7) [NBP2-59451] - Analysis of JAK2 in HeLa cell line, antibody at 2 - 5 ug per 10⁶ cells (red line). Secondary antibody: goat anti-mouse IgG Alexa Fluor 488 conjugate. Isotype control antibody: mouse IgG (black line).



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-wajeeh, 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)





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP2-59451-100ul

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)
NBP2-23154	Recombinant Human Jak2 His 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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