

# Product Datasheet

## Jak2 Antibody (6-D3) NBP2-66913

Unit Size: 100 ul

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

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

**Reviews: 1 Publications: 1**

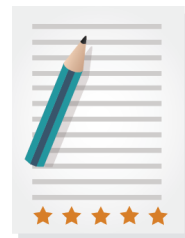
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Updated 10/23/2024 v.20.1

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**NBP2-66913**

Jak2 Antibody (6-D3)

**Product Information**

<b>Unit Size</b>	100 ul
<b>Concentration</b>	2 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	6-D3
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG2b
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS (pH7.4), 0.2% BSA, 40% Glycerol

**Product Description**

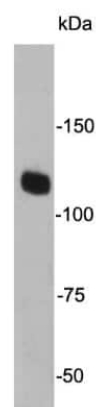
<b>Host</b>	Mouse
<b>Gene ID</b>	3717
<b>Gene Symbol</b>	JAK2
<b>Species</b>	Human, Mouse, Rat
<b>Reactivity Notes</b>	Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any. Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-questions.
<b>Immunogen</b>	Recombinant protein within Human Jak2 aa 883-1,132 / 1,132. (SwissProt: O60674 Human)

**Product Application Details**

<b>Applications</b>	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Microarray
<b>Recommended Dilutions</b>	Western Blot 1:2000, Flow Cytometry 1:200, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50, Immunohistochemistry-Paraffin 1:200, Microarray Validated from a verified customer review

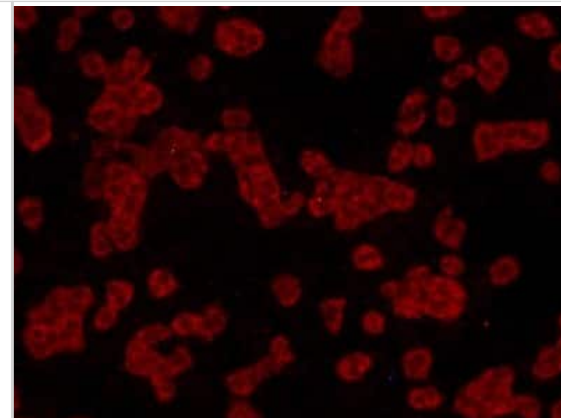
**Images**

Western Blot: Jak2 Antibody (6-D3) [NBP2-66913] - Analysis on K562 cell lysate using anti-JAK2 mouse mAb.

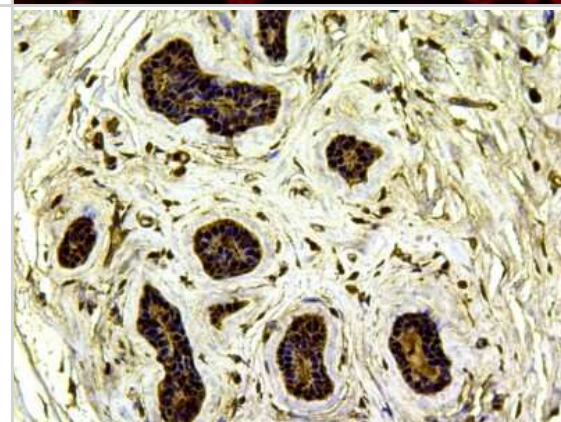




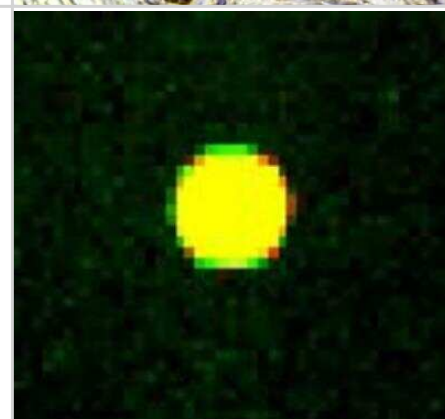
Immunocytochemistry/Immunofluorescence: Jak2 Antibody (6-D3) [NBP2-66913] - Staining JAK2 in HeLa cells (red). Cells were fixed in paraformaldehyde, permeabilized with 0.25% Triton X-100, PBS.



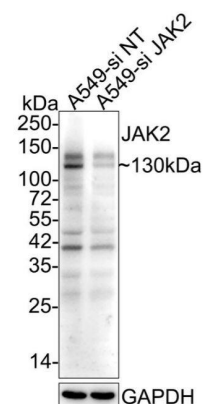
Immunohistochemistry-Paraffin: Jak2 Antibody (6-D3) [NBP2-66913] - Analysis of paraffin-embedded human breast carcinoma tissue using anti- JAK2 mouse mAb.



Microarray: Jak2 Antibody (6-D3) [NBP2-66913] - Antibody was printed on custom arrays and incubated with fluorescently labeled human EDTA plasma. Microarray image submitted by a verified customer review.



Western Blot: Jak2 Antibody (6-D3) [NBP2-66913] -Analysis on K562 cell lysates using anti-JAK2 mouse mAb.



## Publications

Zaim O, Doganlar O, Banu Doganlar Z et al. Novel synthesis naringenin-benzyl piperazine derivatives prevent glioblastoma invasion by inhibiting the hypoxia-induced IL6/JAK2/STAT3 axis and activating caspase-dependent apoptosis Bioorganic chemistry 2022-10-17 [PMID: 36283175] (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 NBP2-66913**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)
NBP2-23154	Recombinant Human Jak2 His Protein

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### **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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