

# Product Datasheet

## Jak1 [p Tyr1022] Antibody

### NB100-82005

Unit Size: 0.05 ml

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

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#### Publications: 1

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**NB100-82005**

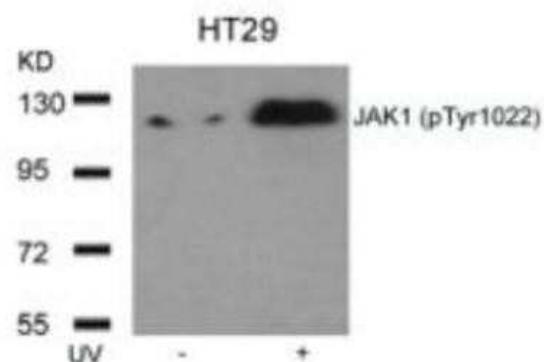
Jak1 [p Tyr1022] Antibody

Product Information	
Unit Size	0.05 ml
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS, 50% glycerol, 0.5% BSA
Target Molecular Weight	132 kDa
Product Description	
Host	Rabbit
Gene Symbol	JAK1
Species	Human, Mouse, Rat
Specificity/Sensitivity	Detects endogenous levels of Jak1 only when phosphorylated at tyrosine 1022.
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human JAK1 around the phosphorylation site of tyrosine 1022 (K-E-YP-Y-T).
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:1000, Immunohistochemistry 1:50-1:100, Immunohistochemistry-Paraffin 1:50-1:100

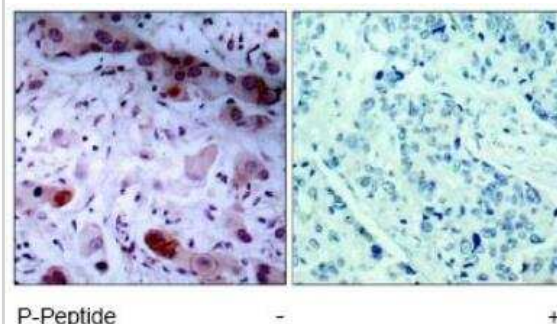


## Images

Western Blot: Jak1 [p Tyr1022] Antibody [NB100-82005] - Analysis of extracts from HT29 cells untreated or treated with UV using JAK1 [p Tyr1022] antibody.



Immunohistochemistry-Paraffin: Jak1 [p Tyr1022] Antibody [NB100-82005] - Analysis of paraffin-embedded human breast carcinoma tissue, using NB100-82005 (left) or the same antibody preincubated with blocking peptide (right).



## Publications

Al-Ani B, ShamsEldeen AM, Kamar SS et al. Lipopolysaccharide induces acute lung injury and alveolar hemorrhage in association with the cytokine storm, coagulopathy and AT1R/JAK/STAT augmentation in a rat model that mimics moderate and severe Covid-19 pathology Clinical and experimental pharmacology & physiology 2022-01-23 [PMID: 35066912] (WB, Rat)



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### **Products Related to NB100-82005**

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NBL1-12093	Jak1 Overexpression Lysate
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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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