

# Product Datasheet

## STAT3 [p Tyr705] Antibody (RM261) NBP2-61588

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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



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

**Reviews: 1** **Publications: 2**

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP2-61588](http://www.novusbio.com/NBP2-61588)

Updated 10/23/2024 v.20.1

**Earn rewards for product  
reviews and publications.**

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NBP2-61588](http://www.novusbio.com/reviews/destination/NBP2-61588)

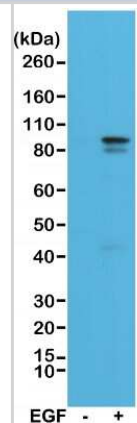


**NBP2-61588****STAT3 [p Tyr705] Antibody (RM261)**

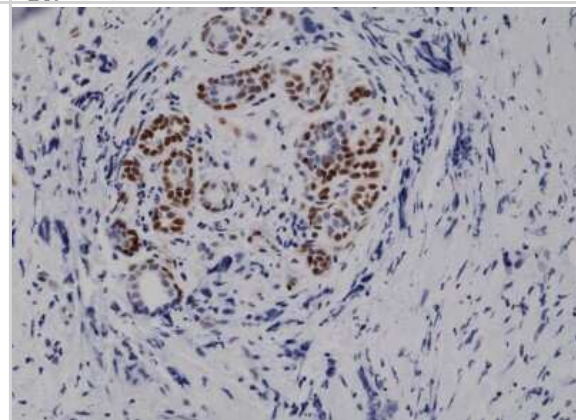
<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	RM261
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	50% Glycerol/PBS, 1% BSA
<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	6774
<b>Gene Symbol</b>	STAT3
<b>Species</b>	Human
<b>Reactivity Notes</b>	This antibody may also react to mouse or rat phospho-STAT3 [Tyr705], as predicted by immunogen homology.
<b>Specificity/Sensitivity</b>	This antibody reacts to human STAT3 only when phosphorylated at Tyr705. There is no cross-reactivity to STAT3 without phosphorylation at Tyr705.
<b>Immunogen</b>	A phospho-peptide corresponding to Human STAT3 [p Tyr705]
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:1000 - 1:2000, Immunohistochemistry 1:1000-1:10000, Immunohistochemistry-Paraffin 1:1000-1:10000

## Images

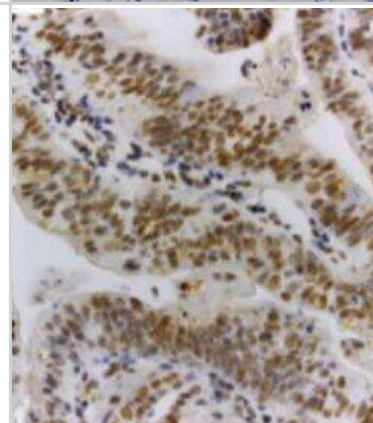
Western Blot: STAT3 [p Tyr705] Antibody (RM261) [NBP2-61588] - Western Blot of A431 cell lysates, nontreated (-) or treated (+) with EGF, using NBP2-61588, showed Phospho-Stat3 (Tyr705) in EGF-treated A431 cells.



Immunohistochemistry-Paraffin: STAT3 [p Tyr705] Antibody (RM261) [NBP2-61588] - Immunohistochemical staining of formalin fixed and paraffin embedded Human breast cancer tissue sections using NBP2-61588.



Immunohistochemistry-Paraffin: STAT3 [p Tyr705] Antibody (RM261) [NBP2-61588] - Human intestine. Image from verified customer review.



## Publications

Long Y, Wang Y, Shen Y et al. Minocycline and antipsychotics inhibit inflammatory responses in BV-2 microglia activated by LPS via regulating the MAPKs/ JAK-STAT signaling pathway BMC psychiatry 2023-07-18 [PMID: 37464316] (WB, Mouse)

Zhang J, Dongwei Zhou , Zhang Z et al. miR-let-7a suppresses alpha -Synuclein-induced microglia inflammation through targeting STAT3 in Parkinson's disease Biochem. Biophys. Res. Commun. 2019-09-20 [PMID: 31547989] (WB, Mouse)



### **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 NBP2-61588**

---

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00006774-P01-10ug	Recombinant Human STAT3 GST (N-Term) 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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NBP2-61588](http://www.novusbio.com/reviews/submit/NBP2-61588)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

