

# Product Datasheet

## STAT1 [p Ser727] Antibody (PSM1) - BSA Free NB500-515

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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



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

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NB500-515](http://www.novusbio.com/NB500-515)

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/NB500-515](http://www.novusbio.com/reviews/destination/NB500-515)



**NB500-515**

STAT1 [p Ser727] Antibody (PSM1) - BSA Free

**Product Information**

<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	1.0 mg/ml
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	PSM1
<b>Preservative</b>	0.9% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS (pH 7.4)
<b>Target Molecular Weight</b>	91 kDa

**Product Description**

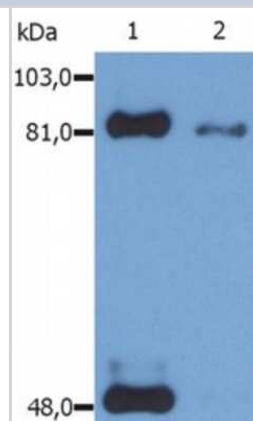
<b>Host</b>	Mouse
<b>Gene ID</b>	6772
<b>Gene Symbol</b>	STAT1
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	The antibody PSM1 recognizes transcriptional factor STAT1 (91 kDa) activated by phosphorylation at Ser727.
<b>Immunogen</b>	STAT1 peptide sequence 721-733 (Ser727 phosphorylated).

**Product Application Details**

<b>Applications</b>	Western Blot, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:1000, Immunoprecipitation 1:50
<b>Application Notes</b>	WB: Detects a band of approximately 91 kDa. Purity is > 95% (by SDS-PAGE).

**Images**

Western Blot: STAT1 [p Ser727] Antibody (PSM1) [NB500-515] - Analysis (reducing conditions) of phosphorylated STAT1 (Ser727) in IFN- $\alpha$  treated HeLa human cervix carcinoma cell line using anti-Phospho STAT1 (PSM1). Lane 1: immunoprecipitated material by anti-STAT1 (SM2) Lane 2: original whole cell lysate.





### **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](http://www.novusbio.com)  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NB500-515**

---

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NB100-56314PEP	STAT1 Antibody Blocking Peptide

---

### **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/NB500-515](http://www.novusbio.com/reviews/submit/NB500-515)

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

