

# Product Datasheet

## **RGS1 Antibody** **NBP1-68645-0.1ml**

Unit Size: 0.1 ml

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

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



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

### **Publications: 5**

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP1-68645](http://www.novusbio.com/NBP1-68645)

Updated 12/20/2023 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/NBP1-68645](http://www.novusbio.com/reviews/destination/NBP1-68645)



**NBP1-68645-0.1ml**

RGS1 Antibody

Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Purity	Immunogen affinity purified
Buffer	PBS (without Mg <sup>2+</sup> and Ca <sup>2+</sup> , pH 7.4), 0.15M NaCl and 50% Glycerol
Target Molecular Weight	22 kDa

Product Description	
Host	Rabbit
Gene ID	5996
Gene Symbol	RGS1
Species	Human, Mouse, Rat
Specificity/Sensitivity	RGS1 Antibody detects endogenous levels of total RGS1 protein.
Immunogen	The antiserum was produced against synthesized peptide derived from human RGS1. The immunogen region is: Internal.

Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:1000, Flow Cytometry 1:10-1:1000, ELISA 1:20000, Immunohistochemistry 1:50-1:100, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin 1:50-1:100
Application Notes	Use in Immunocytochemistry/immunofluorescence reported in scientific literature (PMID 25897806)

**Publications**

Hafez N, Refaat L, ElGebaly OK et al. Prognostic value of RGS1 and mTOR Immunohistochemical expression in Egyptian multiple myeloma patients; A single center study PloS one 2023-07-12 [PMID: 37437037] (IHC-P, Human)

Details:  
1:250 IHC-P dilution

Roh J, Shin SJ, Lee AN et al. RGS1 expression is associated with poor prognosis in multiple myeloma. J Clin Pathol 2016-07-21 [PMID: 27445341]

Nemery E, Gabriel A, Piret J, Antoine N. Nociceptive and sympathetic innervations in the abaxial part of the cranial horn of the equine medial meniscus: an immunohistochemical approach. J Anat 2016-12-01 [PMID: 27345299] (IF/IHC, Human)

Pak HK, Gil M, Lee Y et al. Regulator of G Protein Signaling 1 Suppresses CXCL12-Mediated Migration and AKT Activation in RPMI 8226 Human Plasmacytoma Cells and Plasmablasts PLoS ONE 2015-04-22 [PMID: 25897806] (ICC/IF, Human)

Huen NY, Pang AL, Tucker JA et al. Up-regulation of proliferative and migratory genes in regulatory T cells from patients with metastatic castration-resistant prostate cancer. Int J Cancer 2013-01-15 [PMID: 23319273] (FLOW, 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](mailto: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](mailto: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](mailto:info.EMEA@bio-techne.com)

### **General Contact Information**

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

Technical Support: [nb-technical@bio-techne.com](mailto:nb-technical@bio-techne.com)

Orders: [nb-customerservice@bio-techne.com](mailto:nb-customerservice@bio-techne.com)

General: [novus@novusbio.com](mailto:novus@novusbio.com)

### **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/NBP1-68645](http://www.novusbio.com/reviews/submit/NBP1-68645)

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

