

# Product Datasheet

## CGRP1 Antibody (4) - BSA Free

### NBP3-00519-0.1mg

Unit Size: 0.1 mg

Store at 4C in the dark.

[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/NBP3-00519](http://www.novusbio.com/NBP3-00519)

Updated 5/23/2024 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/NBP3-00519](http://www.novusbio.com/reviews/destination/NBP3-00519)



**NBP3-00519-0.1mg**

CGRP1 Antibody (4) - BSA Free

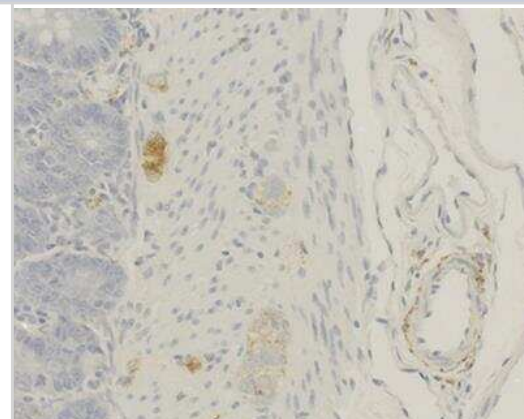
Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	4
Preservative	0.9% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10mM Phosphate (pH 7.4) and 0.5M NaCl

Product Description	
Description	CULTURE MEDIUM: RPMI 1640 with 10% fetal calf serum FUSION PARTNER: SP2mIL6 IMMUNIZATION: Female NMRI x BALB/c mice immunized by intraperitoneal injection
Host	Mouse
Gene ID	796
Gene Symbol	CALCA
Species	Human, Rat
Specificity/Sensitivity	This antibody binds human alpha-CGRP. Based on inhibition ELISA, this antibody cross-reacts up to 12% with human beta-CGRP and human amylin, while there is little (<4%) cross-reaction with rat alpha-CGRP.
Immunogen	Synthetic human alpha-CGRP

Product Application Details	
Applications	ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin
Application Notes	ELISA: NBP3-00519 binds free human $\alpha$ -CGRP in solution. NBP3-00519 (as biotinylated detection antibody) forms a sandwich ELISA pair with NBP3-00518 (as capture antibody) for measuring human $\alpha$ -CGRP, giving a detection limit of 0.13 nmol/L in an unoptimized buffer assay.

**Images**

Immunohistochemistry-Paraffin: CGRP Antibody (4) - BSA Free [NBP3-00519] - Paraffin embedded rat tissue stained with CGRP Antibody (4) - BSA Free diluted 1:400 in 1% BSA/PBS and incubated overnight.





### **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 NBP3-00519-0.1mg**

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
210-TA-005	TNF-alpha [Unconjugated]

### **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/NBP3-00519](http://www.novusbio.com/reviews/submit/NBP3-00519)

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

