

# Product Datasheet

## Lgr4/GPR48 Antibody (OTI2D1)

### NBP2-00974

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)

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP2-00974](http://www.novusbio.com/NBP2-00974)

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/NBP2-00974](http://www.novusbio.com/reviews/destination/NBP2-00974)



**NBP2-00974**

Lgr4/GPR48 Antibody (OTI2D1)

Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI2D1
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol

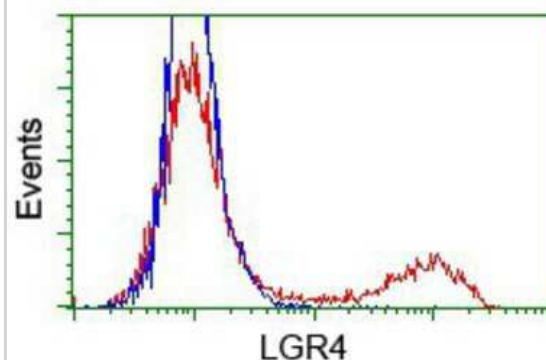
Product Description	
Host	Mouse
Gene ID	55366
Gene Symbol	LGR4
Species	Human, Mouse, Rat
Immunogen	Human recombinant protein fragment corresponding to amino acids 230-540 of human LGR4 (NP_060960 ) produced in HEK293T Cell.

Product Application Details	
Applications	Western Blot, Flow Cytometry
Recommended Dilutions	Western Blot 1:500, Flow Cytometry 1:100

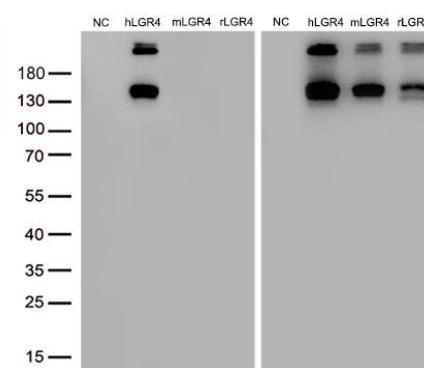


## Images

Flow Cytometry: GPR48 Antibody (2D1) [NBP2-00974] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-GPR48 antibody, and then analyzed by flow cytometry.



Western Blot: GPR48 Antibody (2D1) [NBP2-00974]-Analysis of overexpressed lysates (15ug per lane) from HEK293T cells transfected with empty plasmid ([PS100001], NC), human LGR4 plasmid , (hLGR4), mouse LGR4 plasmid , mLGR4), rat LGR4 plasmid , rLGR4) using antiLGR4 antibody (1:5000@1mg/ml). Figure B, Western blot analysis of the same samples as figure A with anti-DDK antibody 1:10000@1mg/ml)





### **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 NBP2-00974**

---

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)
7150-RS-025/CF	R-Spondin 1 [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/NBP2-00974](http://www.novusbio.com/reviews/submit/NBP2-00974)

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

