

# Product Datasheet

## GFR alpha-4/GDNF R alpha-4/Persephin receptor Antibody [Janelia Fluor® 549] AF1677I

Unit Size: 0.1 ml

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/AF1677I](http://www.novusbio.com/AF1677I)

Updated 7/7/2025 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/AF1677I](http://www.novusbio.com/reviews/destination/AF1677I)



**AF1677I**

GFR alpha-4/GDNF R alpha-4/Persephin receptor Antibody [Janelia Fluor® 549]

| <b>Product Information</b>         |   |
|------------------------------------|---|
| <b>Unit Size</b>                   | 0.1 ml  |
| <b>Concentration</b>               | Please see the vial label for concentration. If unlisted please contact technical services.   |
| <b>Storage</b>                     | Store at 4C in the dark.  |
| <b>Clonality</b>                   | Polyclonal  |
| <b>Preservative</b>                | 0.05% Sodium Azide  |
| <b>Isotype</b>                     | IgG   |
| <b>Conjugate</b>                   | Janelia Fluor 549   |
| <b>Purity</b>                      | Antigen Affinity-purified   |
| <b>Buffer</b>                      | 50mM Sodium Borate  |
| <b>Product Description</b>         |   |
| <b>Host</b>                        | Goat  |
| <b>Gene ID</b>                     | 64096   |
| <b>Gene Symbol</b>                 | GFRA4   |
| <b>Species</b>                     | Mouse   |
| <b>Specificity/Sensitivity</b>     | Detects mouse GFR $\alpha$ 4/GDNF R $\alpha$ 4 in direct ELISAs and Western blots. In direct ELISAs, approximately 15% cross-reactivity with recombinant human GFR $\alpha$ -4 is observed. |
| <b>Immunogen</b>                   | Mouse myeloma cell line NS0-derived recombinant mouse GFR $\alpha$ 4/GDNF R $\alpha$ 4<br>Asn24-Thr237<br>Accession # Q99JT2  |
| <b>Notes</b>                       | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.   |
| <b>Product Application Details</b> |   |
| <b>Applications</b>                | Immunohistochemistry  |
| <b>Recommended Dilutions</b>       | Immunohistochemistry  |
| <b>Application Notes</b>           | Optimal dilution of this antibody should be experimentally determined.  |



### **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 AF1677I**

---

|            |   |
|------------|---|
| AB-108-CI  | Goat IgG Isotype Control [Janelia Fluor 549]                        |
| 212-GD-010 | GDNF [Unconjugated]   |
| NBL1-11054 | GFR alpha-4/GDNF R alpha-4/Persephin receptor Overexpression Lysate |
| AF560      | GFR alpha-1/GDNF R alpha-1 Antibody [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/AF1677I](http://www.novusbio.com/reviews/submit/AF1677I)

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

