

# Product Datasheet

## Semaphorin 4C Antibody [Janelia Fluor® 549] AF6120I

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/AF6120I](http://www.novusbio.com/AF6120I)

Updated 5/8/2025 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/AF6120I](http://www.novusbio.com/reviews/destination/AF6120I)



**AF6120I**

Semaphorin 4C Antibody [Janelia Fluor® 549]

| Product Information         |                                                                                                                                                                                                                                                                            |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 0.1 ml                                                                                                                                                                                                                                                                     |
| Concentration               | Please see the vial label for concentration. If unlisted please contact technical services.                                                                                                                                                                                |
| Storage                     | Store at 4C in the dark.                                                                                                                                                                                                                                                   |
| Clonality                   | Polyclonal                                                                                                                                                                                                                                                                 |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                                         |
| Isotype                     | IgG                                                                                                                                                                                                                                                                        |
| Conjugate                   | Janelia Fluor 549                                                                                                                                                                                                                                                          |
| Purity                      | Antigen Affinity-purified                                                                                                                                                                                                                                                  |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                                                         |
| Product Description         |                                                                                                                                                                                                                                                                            |
| Host                        | Sheep                                                                                                                                                                                                                                                                      |
| Gene ID                     | 54910                                                                                                                                                                                                                                                                      |
| Gene Symbol                 | SEMA4C                                                                                                                                                                                                                                                                     |
| Species                     | Mouse, Rat                                                                                                                                                                                                                                                                 |
| Specificity/Sensitivity     | Detects mouse and rat Semaphorin 4C in Western blots. In direct ELISAs, less than 20% cross-reactivity with recombinant human Semaphorin 4C and less than 5% cross-reactivity with recombinant mouse (rm) Semaphorin 4B, rmSemaphorin 4D, and rmSemaphorin 4G is observed. |
| Immunogen                   | Mouse myeloma cell line NS0-derived recombinant mouse Semaphorin 4C Glu22-Gly664<br>Accession # Q64151                                                                                                                                                                     |
| Notes                       | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.                                                                                                                                                                                      |
| Product Application Details |                                                                                                                                                                                                                                                                            |
| Applications                | Western Blot, Immunohistochemistry, Immunocytochemistry                                                                                                                                                                                                                    |
| Recommended Dilutions       | Western Blot, Immunohistochemistry, Immunocytochemistry                                                                                                                                                                                                                    |
| Application Notes           | 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](http://www.novusbio.com)  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to AF6120I**

---

|               |                                           |
|---------------|-------------------------------------------|
| NBP1-80769PEP | Semaphorin 4C Recombinant Protein Antigen |
| 212-GD-010    | GDNF [Unconjugated]                       |
| 8394-S4-050   | Semaphorin 4C [Unconjugated]              |
| NB300-556     | PSD-95 Antibody (6G6-1C9) - BSA Free      |

---

### **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/AF6120I](http://www.novusbio.com/reviews/submit/AF6120I)

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

