

# Product Datasheet

## Neuroligin 3/NLGN3 Antibody (S110-29) [Alexa Fluor® 647] NBP2-42200AF647

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/NBP2-42200AF647](http://www.novusbio.com/NBP2-42200AF647)

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/NBP2-42200AF647](http://www.novusbio.com/reviews/destination/NBP2-42200AF647)



**NBP2-42200AF647**

Neurologin 3/NLGN3 Antibody (S110-29) [Alexa Fluor® 647]

| 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           | Monoclonal                                                                                  |
| Clone               | S110-29                                                                                     |
| Preservative        | 0.05% Sodium Azide                                                                          |
| Isotype             | IgG1                                                                                        |
| Conjugate           | Alexa Fluor 647                                                                             |
| Purity              | Protein G purified                                                                          |
| Buffer              | 50mM Sodium Borate                                                                          |

| Product Description     |                                                                                                                                                                                                                                                               |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | Mouse                                                                                                                                                                                                                                                         |
| Gene ID                 | 54413                                                                                                                                                                                                                                                         |
| Gene Symbol             | NLGN3                                                                                                                                                                                                                                                         |
| Species                 | Human, Mouse, Rat                                                                                                                                                                                                                                             |
| Reactivity Notes        | Immunogen displays sequence identity for non-tested species: Human and Mouse.                                                                                                                                                                                 |
| Specificity/Sensitivity | Approx 60% identity with Neurologin-1. approx 40% identity with Neurologin-2. Detects approx 110kDa. Does not cross-react with Neurologin-1, -2, -4 or -4.                                                                                                    |
| Immunogen               | Fusion protein amino acids 730-848 (intracellular C-terminus) of rat Neurologin-3. Mouse: 99% identity (118/119 amino acids identical). Human: 98% identity (116/119 amino acids identical) ~60% identity with Neurologin-1. ~40% identity with Neurologin-2. |

| Product Application Details |                                                                        |
|-----------------------------|------------------------------------------------------------------------|
| Applications                | Immunocytochemistry/ Immunofluorescence, Immunohistochemistry          |
| Recommended Dilutions       | Immunohistochemistry, Immunocytochemistry/ Immunofluorescence          |
| 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 NBP2-42200AF647**

---

|                 |                                                     |
|-----------------|-----------------------------------------------------|
| NBP1-97005AF647 | Mouse IgG1 Isotype Control (MG1) [Alexa Fluor® 647] |
| NBP1-90080PEP   | Neurologin 3/NLGN3 Recombinant Protein Antigen      |
| 9069-NL-050     | Neurologin 3/NLGN3 [Unconjugated]                   |
| NB300-109       | Tyrosine Hydroxylase Antibody                       |

---

### **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/NBP2-42200AF647](http://www.novusbio.com/reviews/submit/NBP2-42200AF647)

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

