

# Product Datasheet

## VGluT3 Antibody (S34-34) - BSA Free NBP2-59331

Unit Size: 100 ug

Store at -20C.

[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/NBP2-59331](http://www.novusbio.com/NBP2-59331)

Updated 9/9/2025 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/NBP2-59331](http://www.novusbio.com/reviews/destination/NBP2-59331)



**NBP2-59331**

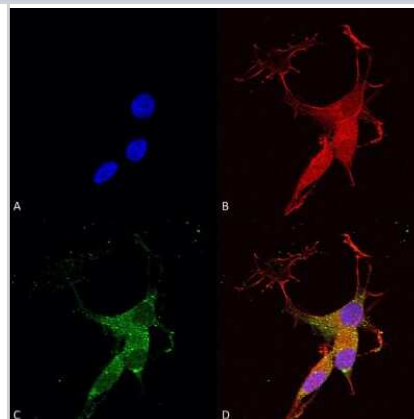
VGluT3 Antibody (S34-34) - BSA Free

| <b>Product Information</b>         |  |
|------------------------------------|--|
| <b>Unit Size</b>                   | 100 ug   |
| <b>Concentration</b>               | Please see the vial label for concentration. If unlisted please contact technical services.  |
| <b>Storage</b>                     | Store at -20C.   |
| <b>Clonality</b>                   | Monoclonal   |
| <b>Clone</b>                       | S34-34   |
| <b>Preservative</b>                | 0.09% Sodium Azide   |
| <b>Isotype</b>                     | IgG1   |
| <b>Purity</b>                      | Protein G purified   |
| <b>Buffer</b>                      | PBS (pH 7.4), 50% Glycerol   |
| <b>Product Description</b>         |  |
| <b>Description</b>                 | Novus Biologicals Mouse VGluT3 Antibody (S34-34) - BSA Free (NBP2-59331) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| <b>Host</b>                        | Mouse  |
| <b>Gene ID</b>                     | 246213   |
| <b>Gene Symbol</b>                 | SLC17A8  |
| <b>Species</b>                     | Human, Mouse, Rat  |
| <b>Specificity/Sensitivity</b>     | Detects 65kDa.   |
| <b>Immunogen</b>                   | Fusion protein amino acids 546-588 (cytoplasmic C-terminus) of rat VGLUT3  |
| <b>Product Application Details</b> |  |
| <b>Applications</b>                | Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry  |
| <b>Recommended Dilutions</b>       | Western Blot 1:1000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:100   |

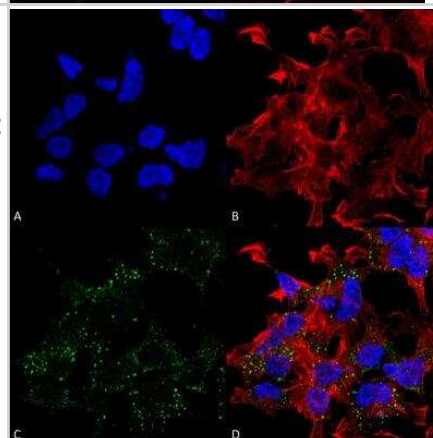


## Images

Immunocytochemistry/Immunofluorescence: VGluT3 Antibody (S34-34) [NBP2-59331] - Immunocytochemistry/Immunofluorescence analysis using Mouse Anti-VGluT3 Monoclonal Antibody, Clone S34-34 (NBP2-59331). Tissue: Neuroblastoma cells (SH-SY5Y). Species: Human. Fixation: 4% PFA for 15 min. Primary Antibody: Mouse Anti-VGluT3 Monoclonal Antibody (NBP2-59331) at 1:50 for overnight at 4C with slow rocking. Secondary Antibody: AlexaFluor 488 at 1:1000 for 1 hour at RT. Counterstain: Phalloidin-iFluor 647 (red) F-Actin stain; Hoechst (blue) nuclear stain at 1:800, 1.6mM for 20 min at RT. (A) Hoechst (blue) nuclear stain. (B) Phalloidin-iFluor 647 (red) F-Actin stain. (C) VGluT3 Antibody (D) Composite.



Immunocytochemistry/Immunofluorescence: VGluT3 Antibody (S34-34) [NBP2-59331] - VGluT3 Antibody (S34-34) [NBP2-59331] - Analysis using Mouse Anti-VGluT3 Monoclonal Antibody, Clone S34-34. Tissue: SK-N-BE Cells (Human Neuroblastoma cells). Species: Human. Fixation: 4% Formaldehyde for 15 min at RT. Primary Antibody: Mouse Anti-VGluT3 Monoclonal Antibody at 1:100 for 60 min at RT. Secondary Antibody: Goat Anti-Mouse ATTO 488 at 1:200 for 60 min at RT. Counterstain: Phalloidin Texas Red F-Actin stain; DAPI (blue) nuclear stain at 1:1000, 1:5000 for 60 min at RT, 5 min at RT. Localization: Cytoplasmic Vesicle, Secretory Vesicle, Synaptic Vesicle Membrane, Membrane, Cell Junction, Synapse. Magnification: 60X. (A) DAPI (blue) nuclear stain (B) Phalloidin Texas Red F-Actin stain (C) VGluT3 Antibody (D) Composite.





### **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 NBP2-59331**

---

|                  |  |
|------------------|--|
| NBP2-33376H      | Blue Marker Antibody (6F4-F6) [HRP]                |
| HAF007           | Goat anti-Mouse IgG Secondary Antibody [HRP]       |
| NB7539           | Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP] |
| NBP1-97005-0.5mg | Mouse IgG1 Isotype Control (MG1)                   |

---

### **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/NBP2-59331](http://www.novusbio.com/reviews/submit/NBP2-59331)

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

