

# Product Datasheet

## CD277/BTN3A1 Antibody (BT3.1) - BSA Free NBP2-00227

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

[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/NBP2-00227](http://www.novusbio.com/NBP2-00227)

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/NBP2-00227](http://www.novusbio.com/reviews/destination/NBP2-00227)



**NBP2-00227**

CD277/BTN3A1 Antibody (BT3.1) - BSA Free

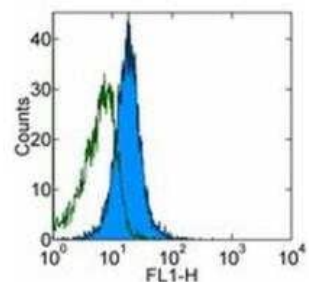
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	BT3.1
Preservative	0.09% Sodium Azide
Isotype	IgG1
Purity	Protein A or G purified
Buffer	PBS (pH 7.2)

Product Description	
Description	Novus Biologicals Mouse CD277/BTN3A1 Antibody (BT3.1) - BSA Free (NBP2-00227) is a monoclonal antibody validated for use in Flow and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	11119
Gene Symbol	BTN3A1
Species	Human
Immunogen	The immunogen for this antibody is CD277 (B7 family, Butyrophilin).

Product Application Details	
Applications	Flow Cytometry, Immunoprecipitation
Recommended Dilutions	Flow Cytometry 1:10-1:1000, Immunoprecipitation 1:10-1:500
Application Notes	This BT3.1 (20.1, BT3.1) antibody has been tested by flow cytometric analysis of normal human peripheral blood mononuclear cells. This can be used at less than or equal to 1 ug per test. A test is defined as the amount (ug) of antibody that will stain a cell sample in a final volume of 100 uL. Cell number should be determined empirically but can range from 10 <sup>5</sup> to 10 <sup>8</sup> cells/test. This T3.1 (20.1, BT3.1) antibody has been reported for use in immunoprecipitation. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

**Images**

Flow Cytometry: CD277/BTN3A1 Antibody (BT3.1) [NBP2-00227] - Staining of normal human peripheral blood cells with 0.5 ug of Mouse IgG1 kappa Isotype Control Purified (open histogram) or 0.5 ug of Anti-Human CD277 Purified (filled histogram). Cells in the lymphocyte gate were used for analysis.





### **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 NBP2-00227**

---

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)
NBP2-00227PE	CD277/BTN3A1 Antibody (BT3.1) [PE]

---

### **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/NBP2-00227](http://www.novusbio.com/reviews/submit/NBP2-00227)

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

