

# Product Datasheet

## **PD-1 Antibody [Janelia Fluor® 549] - Humanized, (Research Grade retifanlimab Biosimilar) NBP3-28307JF549**

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/NBP3-28307JF549](http://www.novusbio.com/NBP3-28307JF549)

Updated 8/14/2025 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/NBP3-28307JF549](http://www.novusbio.com/reviews/destination/NBP3-28307JF549)



**NBP3-28307JF549**

PD-1 Antibody [Janelia Fluor® 549] - Humanized, (Research Grade retifanlimab Biosimilar)

| 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                                                                                  |
| Preservative                | 0.05% Sodium Azide                                                                          |
| Isotype                     | IgG1                                                                                        |
| Conjugate                   | Janelia Fluor 549                                                                           |
| Purity                      | Protein A purified                                                                          |
| Buffer                      | 50mM Sodium Borate                                                                          |
| Product Description         |                                                                                             |
| Host                        | Human                                                                                       |
| Gene ID                     | 5133                                                                                        |
| Gene Symbol                 | PDCD1                                                                                       |
| Species                     | Human                                                                                       |
| Immunogen                   | PDCD1 / PD-1 / CD279                                                                        |
| Notes                       | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.       |
| Product Application Details |                                                                                             |
| Applications                | ELISA, Flow Cytometry, Functional                                                           |
| Recommended Dilutions       | Flow Cytometry, ELISA, Functional                                                           |
| 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](mailto:nb-technical@bio-techne.com)  
Orders: [nb-customerservice@bio-techne.com](mailto:nb-customerservice@bio-techne.com)  
General: [novus@novusbio.com](mailto:novus@novusbio.com)

### **Products Related to NBP3-28307JF549**

---

|                |                                |
|----------------|--------------------------------|
| NBP1-77276PEP  | PD-1 Antibody Blocking Peptide |
| 210-TA-005     | TNF-alpha [Unconjugated]       |
| 1086-PD-050    | PD-1 [Unconjugated]            |
| 6507-IL-010/CF | IL-4 [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/NBP3-28307JF549](http://www.novusbio.com/reviews/submit/NBP3-28307JF549)

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

