

# Product Datasheet

## Semaphorin 4D/CD100 Antibody [PE] - (Research Grade pepinemab Biosimilar) NBP3-28669PE

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/NBP3-28669PE](http://www.novusbio.com/NBP3-28669PE)

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/NBP3-28669PE](http://www.novusbio.com/reviews/destination/NBP3-28669PE)



**NBP3-28669PE**

Semaphorin 4D/CD100 Antibody [PE] - (Research Grade pepinemab Biosimilar)

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Monoclonal
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG4
<b>Conjugate</b>	PE
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS
<b>Product Description</b>	
<b>Description</b>	The heavy chain type is hulgG4SP, and the light chain type is hukappa. It has a predicted MW of 145.5 kDa.  Also known as 'pepinemab'.  IgG4SP is human IgG4 with S228P mutation.
<b>Host</b>	Human
<b>Gene ID</b>	10507
<b>Gene Symbol</b>	SEMA4D
<b>Species</b>	Human
<b>Immunogen</b>	SEMA4D / CD100
<b>Product Application Details</b>	
<b>Applications</b>	ELISA, Flow Cytometry, Functional
<b>Recommended Dilutions</b>	Flow Cytometry, ELISA, Functional
<b>Application Notes</b>	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  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP3-28669PE**

---

NBP1-86704PEP	Semaphorin 4D/CD100 Recombinant Protein Antigen
7268-CT-100	CTLA-4 [Unconjugated]
7470-S4-050	Semaphorin 4D/CD100 [Unconjugated]
NB300-109	Tyrosine Hydroxylase Antibody - Azide 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/NBP3-28669PE](http://www.novusbio.com/reviews/submit/NBP3-28669PE)

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

