

# Product Datasheet

## CD45 Antibody (IH-1) - BSA Free NB100-65362

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

### Publications: 4

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NB100-65362](http://www.novusbio.com/NB100-65362)

Updated 2/21/2025 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/NB100-65362](http://www.novusbio.com/reviews/destination/NB100-65362)



**NB100-65362**

CD45 Antibody (IH-1) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	IH-1
Preservative	<0.1% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	TBS (pH 8.0)
Target Molecular Weight	147 kDa

Product Description	
Host	Mouse
Gene ID	5788
Gene Symbol	PTPRC
Species	Guinea Pig
Specificity/Sensitivity	CD45 Antibody (IH-1) reacts with CD45 on all leucocytes. Immunoprecipitates proteins of M.Wt. 220,000, 210,000 and 195,000 and 180,000 from lymph node lymphocytes and proteins of M.Wt 195,000, 180,000 and 170,000 from thymocytes.
Immunogen	Guinea pig leukemic B lymphocyte L2C cells

Product Application Details	
Applications	Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation
Recommended Dilutions	Flow Cytometry 1:10-1:1000, Immunohistochemistry 1:10-1:500, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500

**Publications**

Gomez-Lopez N, Tong Wc, Arenas-Hernandez M et al. Chemotactic Activity of Gestational Tissues Through Late Pregnancy, Term Labor, and RU486-Induced Preterm Labor in Guinea Pigs. *Am. J. Reprod. Immunol.* 2014-10-20 [PMID: 25329235] (IF/IHC, Guinea Pig)

Lacy HM, Bowlin AK, Hennings L et al. Essential role for neutrophils in pathogenesis and adaptive immunity in *Chlamydia caviae* ocular infections. *Infect Immun.* 2011-05-01 [PMID: 21402767]

Shang S, Shanley CA, Caraway ML et al. Activities of TMC207, rifampin, and pyrazinamide against *Mycobacterium tuberculosis* infection in guinea pigs. *Antimicrob Agents Chemother.* 2011-01-01 [PMID: 20937788]

Wang Y, Nagarajan U, Hennings L et al. Local host response to chlamydial urethral infection in male guinea pigs. *Infect Immun.* 2010-04-01 [PMID: 20123720]





### **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 NB100-65362**

---

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NB100-65362PE	CD45 Antibody (IH-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/NB100-65362](http://www.novusbio.com/reviews/submit/NB100-65362)

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

