

# Product Datasheet

## Properdin Antibody (062-27.8.1 (10-18)) - BSA Free NB100-64749

Unit Size: 0.05 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)

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Updated 2/21/2025 v.20.1

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**NB100-64749**

Properdin Antibody (062-27.8.1 (10-18)) - BSA Free

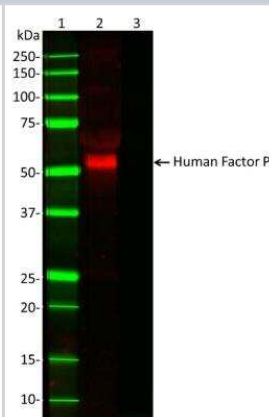
Product Information	
Unit Size	0.05 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	062-27.8.1 (10-18)
Preservative	0.1% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	Borate buffered saline

Product Description	
Host	Mouse
Gene ID	5199
Gene Symbol	CFP
Species	Human
Specificity/Sensitivity	NB100-64749 recognizes human factor P, a 53 kDa glycosylated protein present in blood serum. Factor P binds to microbial surfaces and binds and stabilizes the complement component 3- and complement component 5-convertase enzyme complexes. C3b then acts as an opsonin or initiates the complement pathway again creating a positive feedback loop which acts only on the bacterial cell, leaving the host cells unharmed. Deficiency of factor P makes the host more susceptible to bacterial infections, particularly to Neisseria species and meningococcal infections.
Immunogen	Native purified factor P from human serum

Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Functional, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Western Blot, Flow Cytometry, ELISA 1:100-1:2000, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500, Functional

**Images**

Western Blot: Properdin Antibody (10-18) [NB100-64749] - Human serum was run under reducing conditions on SDS PAGE and transferred to a PVDF membrane. In lane 1, Bio-Rad Precision Plus molecular weight marker was run. In lane 2, Mouse anti Human Factor P was used as the primary antibody. HRP conjugated Goat anti Mouse IgG (H/L) was used as the secondary antibody. As a control, HRP conjugated Goat anti Mouse IgG (H/L) was run in lane 3. Visualization was carried out using the Bio-Rad ChemiDoc Imaging System with automatic exposure.



## Publications

R Chimienti, T Baccega, S Torchio, F Manenti, S Pellegrini, A Cospito, A Amabile, MT Lombardo, P Monti, V Sordi, A Lombardo, M Malnati, L Piemonti Engineering of immune checkpoints B7-H3 and CD155 enhances immune compatibility of MHC-I/- iPSCs for beta cell replacement Cell Reports, 2022-09-27;40(13):111423. 2022-09-27 [PMID: 36170817]





### **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  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NB100-64749**

NBL1-09129	Properdin Overexpression Lysate
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)

### **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.

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