

# Product Datasheet

## Fc gamma RIII (CD16) Antibody (3G8) [PerCP] NBP3-21452PCP

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP3-21452PCP**

Fc gamma RIII (CD16) Antibody (3G8) [PerCP]

<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>Clone</b>	3G8
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG Kappa
<b>Conjugate</b>	PerCP
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS
<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	2214
<b>Gene Symbol</b>	FCGR3B
<b>Species</b>	Human, Baboon, Chimpanzee, Cynomolgus Monkey, Rhesus Macaque
<b>Reactivity Notes</b>	Expected to react with Pigtailed Macaque, Capuchin Monkey, Squirrel Monkey, Sooty Mangabey, Cotton-topped Tamarin, Marmoset.
<b>Specificity/Sensitivity</b>	This antibody binds to CD16 at an epitope which is not the IgG-binding site. This antibody cannot distinguish between CD16a transmembrane isoform found on the surface of NK cells and macrophages (which can trigger the cytolytic response), and the GPI-linked CD16b isoform present on neutrophils or soluble CD16 found in the plasma. CD16 is the low affinity IgG receptor III and binds to aggregated IgG or IgG-antigen complex which functions in NK cell activation, phagocytosis and ADCC (antibody-dependent cell-mediated cytotoxicity).
<b>Immunogen</b>	Human PMN (polymorphonuclear leukocytes) cells.
<b>Product Application Details</b>	
<b>Applications</b>	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Surface Plasmon Resonance (SPR), Block/Neutralize
<b>Recommended Dilutions</b>	Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Block/Neutralize, Surface Plasmon Resonance (SPR)
<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 NBP3-21452PCP**

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210-TA-005	TNF-alpha [Unconjugated]
1960-FC-050	Fc gamma RIII (CD16) [Unconjugated]
202-IL-010	IL-2 [Unconjugated]
DC140	CD14 [HRP]

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### **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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