

# Product Datasheet

## CD21 Antibody (4C5) NBP1-42256-0.5ml

Unit Size: 0.5 ml

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

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**NBP1-42256-0.5ml**

CD21 Antibody (4C5)

Product Information	
Unit Size	0.5 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4C5
Preservative	0.02% Sodium Azide
Isotype	IgG2a
Purity	Protein A or G purified
Buffer	PBS
Product Description	
Host	Mouse
Gene ID	1380
Gene Symbol	CR2
Species	Rat
Reactivity Notes	Rat
Marker	Histiocytic Marker
Specificity/Sensitivity	This antibody reacts with the CD21 (140kD) molecule, expressed (moderate) on mature B-cells and (at high density) on follicular dendritic cells (FDC).
Immunogen	The antibody reacts with the CD21 antigen.
Notes	Please note: the product size for this product was decreased from 5ml to 1ml on October 12, 2010.
Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, CyTOF-ready
Recommended Dilutions	Flow Cytometry 1:50, Immunohistochemistry 1:10-1:500, Immunocytochemistry/Immunofluorescence 1:20, Immunohistochemistry-Frozen 1:20-1:50, CyTOF-ready
Application Notes	4C5 shows moderate labeling of mature B-cells and strong labeling of FDC's on acetone-fixed cryostat sections, air-dried and acetone-fixed cells and immunofluorescence and immuno-peroxidase tests. Immunohistochemistry: use approx. 1:20-1:50 dil. This antibody is CyTOF ready.





### **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

### **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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