

# Product Datasheet

## CD21 Antibody (4C5) NBP1-42256

Unit Size: 1 ml

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

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**NBP1-42256**

CD21 Antibody (4C5)

Product Information	
Unit Size	1 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.





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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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