

# Product Datasheet

## CD59 Antibody (YTH53.1) [Janelia Fluor® 669] NB100-65537JF669

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB100-65537JF669**

CD59 Antibody (YTH53.1) [Janelia Fluor® 669]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	YTH53.1
Preservative	0.05% Sodium Azide
Isotype	IgG2b
Conjugate	Janelia Fluor 669
Purity	Protein G purified
Buffer	50mM Sodium Borate
Product Description	
Host	Rat
Gene ID	966
Gene Symbol	CD59
Species	Human
Specificity/Sensitivity	NB100-65537 recognizes the human CD59 cell surface antigen, an 18-20kD GPI linked glycoprotein broadly expressed by human leucocytes and erythrocytes. Clone YTH53.1 has been shown to block the normal function of CD59. Removal of sodium azide is recommended prior to use in functional assays. CD59 is expressed by erythrocytes, and therefore staining in whole blood systems requires a higher concentration of antibody.
Immunogen	Human Peripheral Blood T cells
Notes	Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.
Product Application Details	
Applications	Western Blot, Flow Cytometry, Functional, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Functional
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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### **Products Related to NB100-65537JF669**

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NBP1-89405PEP	CD59 Recombinant Protein Antigen
210-TA-005	TNF-alpha [Unconjugated]
1987-CD-050	CD59
202-IL-010	IL-2 [Unconjugated]

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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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