

# Product Datasheet

## **Siglec-3/CD33 Antibody (WM53) - Low Endotoxin, Azide and BSA Free** **NBP3-09095**

Unit Size: 0.1 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)

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP3-09095](http://www.novusbio.com/NBP3-09095)

Updated 9/25/2023 v.20.1

Earn rewards for product reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NBP3-09095](http://www.novusbio.com/reviews/destination/NBP3-09095)



**NBP3-09095**

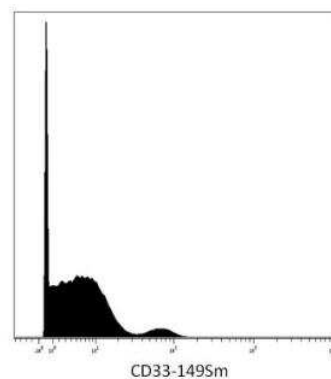
Siglec-3/CD33 Antibody (WM53) - Low Endotoxin, Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	WM53
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS, 0.2 um filter sterilized
Product Description	
Host	Mouse
Gene ID	945
Gene Symbol	CD33
Species	Human, Primate
Specificity/Sensitivity	The mouse monoclonal antibody WM53 reacts with an extracellular epitope of CD33, a 67 kDa type I transmembrane glycoprotein (immunoglobulin superfamily) expressed on myeloid progenitors, monocytes, granulocytes, dendritic cells and mast cells; it is absent on platelets, lymphocytes, erythrocytes and hematopoietic stem cells.
Immunogen	Human AML cells
Endotoxin Note	Endotoxin level is less than 0.01 EU/ug of the protein, as determined by the LAL test.
Product Application Details	
Applications	Western Blot, Flow Cytometry, Functional, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Frozen, Immunoprecipitation, CyTOF-ready
Recommended Dilutions	Western Blot, Flow Cytometry 1-4 ug/ml, Immunocytochemistry/Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Frozen, Functional, CyTOF-ready

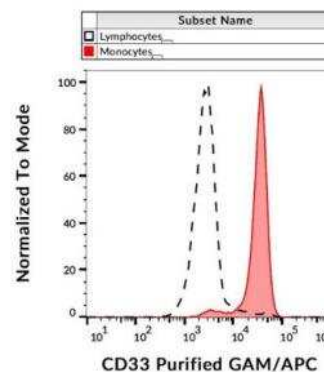


## Images

Flow Cytometry: Siglec-3/CD33 Antibody (WM53) - Low Endotoxin, Azide and BSA Free [NBP3-09095] - Mass cytometry (surface staining) of human peripheral blood with anti-CD33 (WM53) 149Sm. Gated on singlets.



Flow Cytometry: Siglec-3/CD33 Antibody (WM53) - Low Endotoxin, Azide and BSA Free [NBP3-09095] - Analysis (surface staining) of human peripheral blood with anti-CD33 (WM53) purified antibody (low endotoxin), GAM-APC.





### **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 NBP3-09095**

---

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)
NBP2-32709PEP	Siglec-3/CD33 Recombinant Protein Antigen

---

### **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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NBP3-09095](http://www.novusbio.com/reviews/submit/NBP3-09095)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

