

# Product Datasheet

## CD45RA Antibody (MEM-56) - BSA Free NB500-329

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

### Publications: 1

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NB500-329](http://www.novusbio.com/NB500-329)

Updated 9/9/2025 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/NB500-329](http://www.novusbio.com/reviews/destination/NB500-329)



**NB500-329**

CD45RA Antibody (MEM-56) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	MEM-56
Preservative	15mM Sodium Azide
Isotype	IgG2b
Purity	Protein A purified
Buffer	Phosphate buffered saline (PBS), pH 7.4
Target Molecular Weight	220 kDa

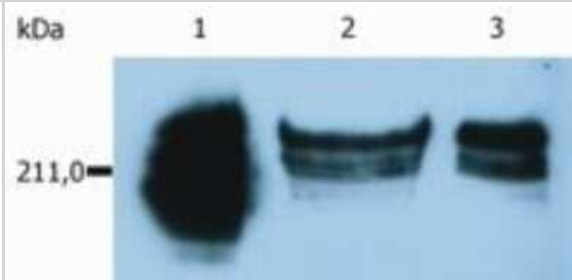
Product Description	
Description	Novus Biologicals Mouse CD45RA Antibody (MEM-56) - BSA Free (NB500-329) is a monoclonal antibody validated for use in IHC, WB, Flow and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	5788
Gene Symbol	PTPRC
Species	Human
Specificity/Sensitivity	The antibody MEM-56 reacts with CD45RA, a 205-220 kDa single chain type I glycoprotein, variant of CD45 (CD45RA isoform). CD45RA is expressed on most of B lymphocytes, resting and native T lymphocytes, medullar thymocytes and monocytes. HLDA IV; WS Code NL 907
Immunogen	Human thymocytes and T lymphocytes.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunohistochemistry, Immunoprecipitation, CyTOF-ready
Recommended Dilutions	Western Blot 1:1000, Flow Cytometry 0.3-4 ug/ml, Immunohistochemistry 1:10-1:500, Immunoprecipitation 1:50, Immunohistochemistry-Paraffin 1:200, CyTOF-ready
Application Notes	Immunohistochemistry-Paraffin sections: No pre-treatment of tissue sections is essential. This antibody is CyTOF ready.

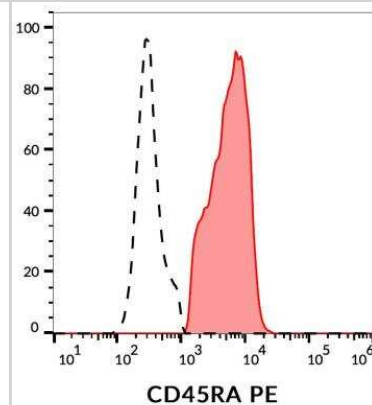


## Images

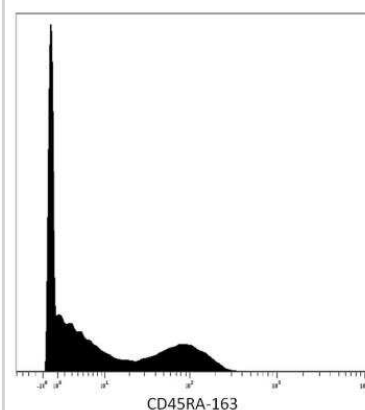
Western Blot: CD45RA Antibody (MEM-56) [NB500-329] - Fig. 1. Western Blotting analysis of whole cell lysate of HUT-78 human cutaneous T cell lymphoma cell line. Lane 1: immunostaining with anti-human CD4 degrees Control antibody Lane 2: immunostaining with anti-human CD45RA (MEM-56); sample of cell lysate prepared under non-reducing conditions Lane 3: immunostaining with anti-human CD45RA (MEM-56); sample of cell lysate prepared under reducing conditions.



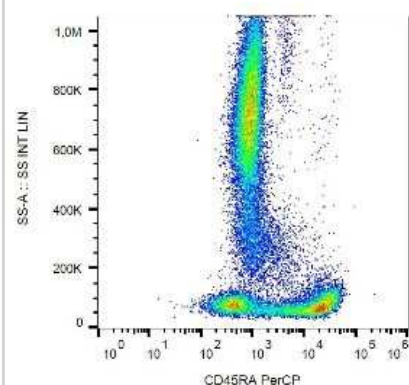
Flow Cytometry: CD45RA Antibody (MEM-56) [NB500-329] - Staining of human peripheral blood with anti-CD45RA (MEM-56) PE.



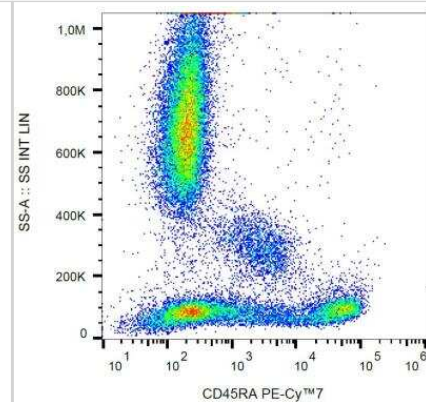
Flow Cytometry: CD45RA Antibody (MEM-56) [NB500-329] - Surface staining (mass cytometry) of human peripheral blood with anti-CD45RA (MEM-56) 163Dy. Gated on singlets.



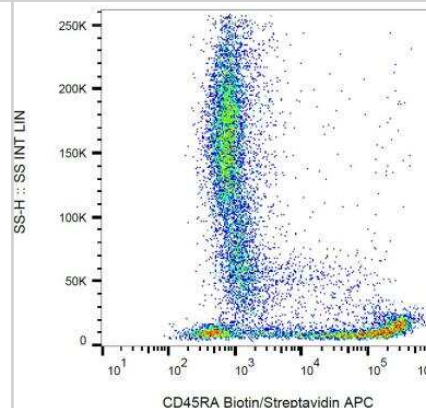
Flow Cytometry: CD45RA Antibody (MEM-56) [NB500-329] - Using the PerCP direct conjugate Surface staining of human peripheral blood with anti-CD45RA (MEM-56) PerCP.



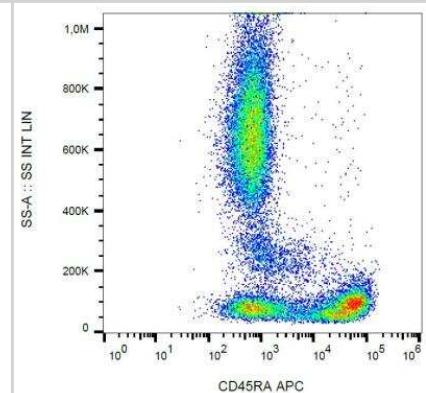
Flow Cytometry: CD45RA Antibody (MEM-56) [NB500-329] - Staining of human peripheral blood with anti-CD45RA (MEM-56) PE-Cy™7.



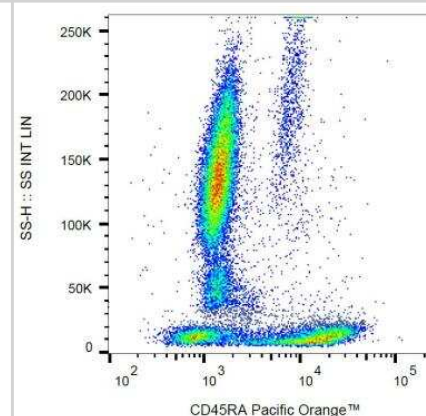
Flow Cytometry: CD45RA Antibody (MEM-56) [NB500-329] - Staining of human peripheral blood with anti-CD45RA (MEM-56) biotin / streptavidin-APC.



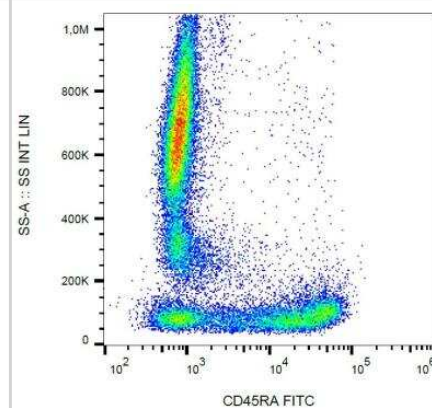
Flow Cytometry: CD45RA Antibody (MEM-56) [NB500-329] - Staining of human peripheral blood with anti-CD45RA (MEM-56) APC.



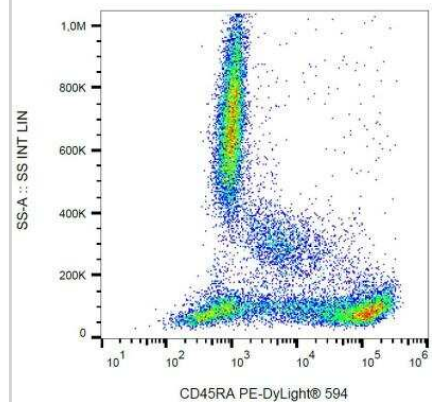
Flow Cytometry: CD45RA Antibody (MEM-56) [NB500-329] - Staining of human peripheral blood with anti-CD45RA (MEM-56) Pacific Orange™.



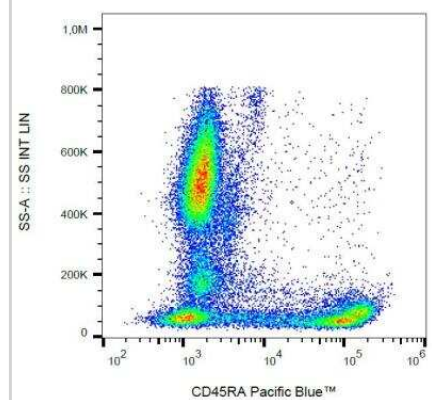
Flow Cytometry: CD45RA Antibody (MEM-56) [NB500-329] - Staining of human peripheral blood with anti-CD45RA (MEM-56) FITC.



Flow Cytometry: CD45RA Antibody (MEM-56) [NB500-329] - Staining of human peripheral blood with anti-CD45RA (MEM-56) PE-DyLight® 594.



Flow Cytometry: CD45RA Antibody (MEM-56) [NB500-329] - Staining of human peripheral blood with anti-CD45RA (MEM-56) Pacific Blue™.



## Publications

Jordi CA Development of Proximity Ligation Assay variants for single cell proteomics Thesis 2020-01-01 (PLA)



### **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 NB500-329**

---

NBL1-14981	CD45 Overexpression Lysate
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)

---

### **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/NB500-329](http://www.novusbio.com/reviews/submit/NB500-329)

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

