

# Product Datasheet

## CD45RO Antibody (UCHL-1 + T200/797)

### NBP2-44849-0.1mg

Unit Size: 0.1 mg

Store at 4C.

[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/NBP2-44849](http://www.novusbio.com/NBP2-44849)

Updated 10/23/2024 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/NBP2-44849](http://www.novusbio.com/reviews/destination/NBP2-44849)



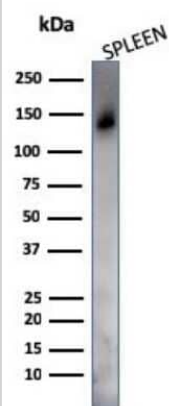
**NBP2-44849-0.1mg**

CD45RO Antibody (UCHL-1 + T200/797)

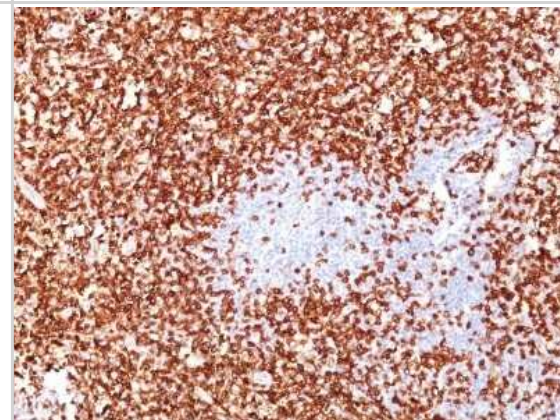
| <b>Product Information</b>         |  |
|------------------------------------|--|
| <b>Unit Size</b>                   | 0.1 mg   |
| <b>Concentration</b>               | 0.2 mg/ml  |
| <b>Storage</b>                     | Store at 4C.   |
| <b>Clonality</b>                   | Monoclonal   |
| <b>Clone</b>                       | UCHL-1 + T200/797  |
| <b>Preservative</b>                | 0.05% Sodium Azide   |
| <b>Isotype</b>                     | IgG2a Kappa/IgG2a Kappa  |
| <b>Purity</b>                      | Protein A or G purified  |
| <b>Buffer</b>                      | 10 mM PBS with 0.05% BSA   |
| <b>Product Description</b>         |  |
| <b>Description</b>                 | 200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP2-54314)<br><br>Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.   |
| <b>Host</b>                        | Mouse  |
| <b>Gene ID</b>                     | 5788   |
| <b>Gene Symbol</b>                 | PTPRC  |
| <b>Species</b>                     | Human  |
| <b>Marker</b>                      | T-Cell Marker  |
| <b>Specificity/Sensitivity</b>     | Recognizes a 180-185kDa protein, identified as isoform of leukocyte common antigen (CD45RO). This antibody reacts with mature activated T-cells, most thymocytes, and a sub-population of resting T-cells within both CD4 and CD8 subsets. It shows no reactivity with normal B or natural killer cells, but reacts with granulocytes and monocytes. Reportedly, it is useful to identify T-cell lymphomas and leukemias. It rarely stains NK cells or B-cell lymphomas. |
| <b>Immunogen</b>                   | Cultured human T-cells from an IL-2-dependent T-cell line (CA1) (UCHL-1); Human T-lymphocytes (T200/797)   |
| <b>Product Application Details</b> |  |
| <b>Applications</b>                | Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin  |
| <b>Recommended Dilutions</b>       | Western Blot 1-2 ug/ml, Immunohistochemistry, Immunohistochemistry-Paraffin 0.25-0.5 ug/ml   |
| <b>Application Notes</b>           | Immunohistochemistry (Formalin-fixed): 0.25-0.5ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes.<br>Optimal dilution for a specific application should be determined.  |

## Images

Western Blot: CD45RO Antibody (UCHL-1 + T200/797) [NBP2-44849] - Western Blot Analysis of human spleen tissue lysates using CD45RO Antibody (UCHL-1 + T200/797).



Immunohistochemistry-Paraffin: CD45RO Antibody (UCHL-1 + T200/797) [NBP2-44849] - Human Tonsil stained with CD45RO Monoclonal Antibody (UCHL-1 + T200/797).





### **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 NBP2-44849-0.1mg**

---

|              |   |
|--------------|---|
| HAF007       | Goat anti-Mouse IgG Secondary Antibody [HRP]            |
| NB720-B      | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| 210-TA-005   | TNF-alpha [Unconjugated]                                |
| 10642-CD-050 | CD45RO [Unconjugated]                                   |

---

### **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/NBP2-44849](http://www.novusbio.com/reviews/submit/NBP2-44849)

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

