

# CD45RO Monoclonal Antibody [UCHL-1]

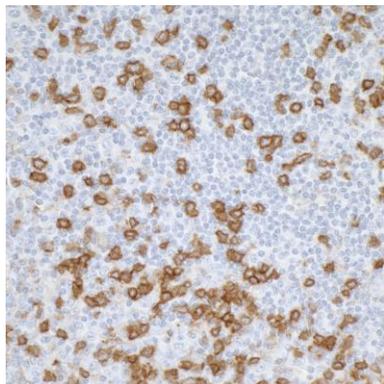
Mouse Monoclonal

Purified Protein ID P08575  
Catalog No. A500-020A GeneID 5788  
Lot No. A500-020A-1

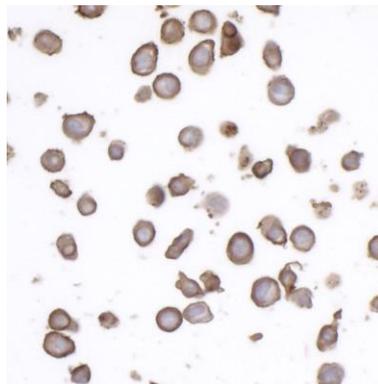


<b>APPLICATIONS</b>	WB, IHC, ICC, IHC-IF, mIF
<b>SPECIES REACTIVITY</b>	Human
<b>AMOUNT</b>	100 µl (50+ tests)
<b>CONCENTRATION</b>	50 µg/ml
<b>STORAGE/SHELF LIFE</b>	2 – 8° C / 1 year from date of receipt
<b>PHYSICAL STATE</b>	Liquid
<b>BUFFER</b>	Phosphate Buffered Saline (PBS) containing 0.09% Sodium Azide
<b>ISOTYPE</b>	IgG2a
<b>CLONE #</b>	UCHL-1
<b>ORIGIN</b>	USA
<b>PRODUCTION PROCEDURES</b>	The antibody was purified from cell culture supernatant. Immunogen: Cultured T-cells from an IL-2-dependent T-cell line (CA1)
<b>APPLICATIONS</b>	Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.  Western Blot 1:250 Immunohistochemistry 1:100 – 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections. Immunocytochemistry 1:100 – 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE cell sections. Immunofluorescence (IHC) 1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections. Multiplex Immunofluorescence 1:250
<b>APPLICATION NOTES</b>	Validation by western blot was performed using a 4–8% SDS-PAGE.
<b>IHC HUMAN CONTROLS</b>	Tonsil, Tumor-infiltrating Lymphocytes
<b>ADDITIONAL INFO</b>	<a href="https://www.bethyl.com/product/A500-020A">https://www.bethyl.com/product/A500-020A</a> Use the link above to view SDS, a current list of citations, and other product specific information.

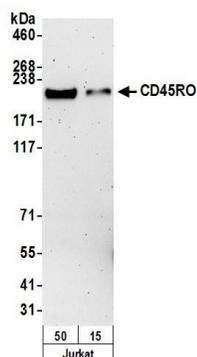
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.  
Eric McIntush, PhD | Chief Scientific Officer Date: November 5, 2019



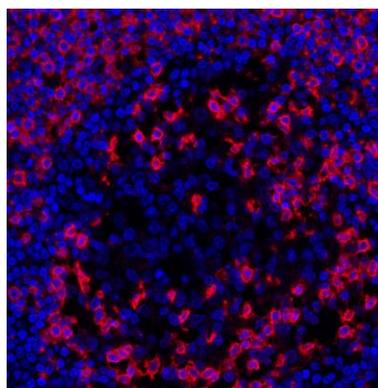
**Detection of human CD45RO by immunohistochemistry.**  
*Sample:* FFPE section of human tonsil. *Antibody:* Mouse monoclonal anti-CD45RO antibody [UCHL-1] (A500-020A Lot 1) used at a dilution of 1:250. *Secondary:* HRP-conjugated goat anti-mouse IgG (A90-116P). *Substrate:* DAB. *Counterstain:* Hematoxylin (blue).



**Detection of human CD45RO by immunocytochemistry.**  
*Sample:* FFPE section of human SR (lymphoma) cell line. *Antibody:* mouse monoclonal anti-CD45RO antibody [UCHL-1] (A500-020A Lot 1) used at 1:250. *Secondary:* HRP-conjugated goat anti-mouse IgG (A90-116P). *Substrate:* DAB.



**Detection of human CD45RO by western blot.** *Samples:* Whole cell lysate (15 and 50 µg) from Jurkat cells prepared using NETN lysis buffer. *Antibody:* mouse anti-CD45RO antibody [UCHL-1] (A500-020A Lot 1) used at 1:250. *Secondary:* HRP-conjugated goat anti-mouse IgG (A90-116P). Chemiluminescence with an exposure time of 3 minutes.



**Detection of human CD45RO (red) by immunohistochemistry.** *Sample:* FFPE section of human lung carcinoma. *Antibody:* Mouse anti-CD45RO monoclonal antibody [UCHL-1] (A500-020A lot 1) used at 1:250. *Secondary:* HRP-conjugated goat anti-Mouse IgG (A90-116P). *Substrate:* Opal™. *Counterstain:* DAPI (blue).