

Nur für Forschungszwecke

# CD45RO Monoklonaler Antikörper

Katalog-Nr.:FITC-65150



## Allgemeine Informationen

**Katalog-Nr.:**  
FITC-65150

**Größe:**  
100tests , 5 µl/test

**Wirt:**  
Maus

**Isotyp:**  
IgG2a, kappa

**GenBank-Zugangsnummer:**  
BC014239

**GeneID (NCBI):**  
5788

**Vollständiger Name:**  
protein tyrosine phosphatase,  
receptor type, C

**Reinigungsmethode:**  
Affinitätsreinigung

**CloneNo.:**  
UCHL1

**Anregungs-/Emissionsmaxima-  
Wellenlängen:**  
495 nm / 524 nm

## Anwendungen

**Geprüfte Anwendungen:**  
FC

**Getestete Reaktivität:**  
Human

## Hintergrundinformationen

CD45, also known as protein tyrosine phosphatase, receptor type C, is a type I transmembrane protein expressed on the surface of all haematopoietic cells with the exception of erythrocytes and platelets (PMID: 3489673; 28615666). CD45 is a pan-haematopoietic cell marker and has been shown to be essential for T- and B-cell activation and signalling (PMID: 9429890; 16378097). CD45 exists as multiple isoforms due to alternative splicing of three exons (4, 5, and 6, designated A, B, and C) in the extracellular domain (PMID: 12414720). CD45RO is the shortest CD45 isoform (lacking all three exons) and is expressed by activated and memory T cells, thymocytes, some B cells, and weakly on granulocytes and macrophage (PMID: 27100180; 12414720).

## Lagerung

**Lagerungsbedingungen:**

Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

**Lagerungspuffer:**

PBS with 0.09% sodium azide and 0.5% BSA.

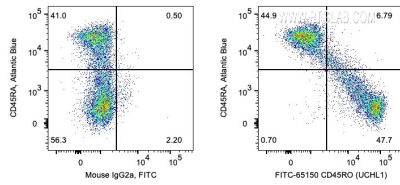
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free  
in USA), or 1(312) 455-8498 (outside USA)

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Ausgewählte Validierungsdaten



1X10<sup>6</sup> human PBMCs were surface co-stained with Atlantic Blue Anti-Human CD45RA and 5  $\mu$ l FITC Anti-Human CD45RO (FITC-65150, Clone: UCHL1) or Mouse IgG2a Isotype Control. Cells were not fixed. Lymphocytes were gated.