

Nur für Forschungszwecke

# CD45RA Monoklonaler Antikörper

Katalog-Nr.:FITC-65108



## Allgemeine Informationen

**Katalog-Nr.:**  
FITC-65108

**Größe:**  
100tests , 5 µl/test

**Wirt:**  
Maus

**Isotyp:**  
IgG2b, kappa

**GenBank-Zugangsnummer:**  
BC014239

**GeneID (NCBI):**  
5788

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

**Reinigungsmethode:**  
Affinitätsreinigung

**CloneNo.:**  
HI100

**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). CD45RA is expressed on naïve T cells, B cells, and monocytes (PMID: 1830500; 14687231).

## 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.

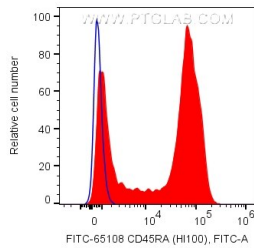
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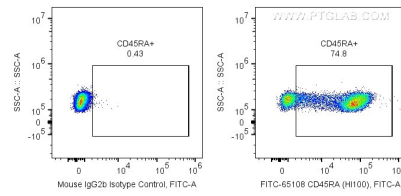
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## Ausgewählte Validierungsdaten



1X10<sup>6</sup> human PBMCs were surface stained with 5 ul FITC Anti-Human CD45RA (FITC-65108, Clone:HI100) (red) or Mouse IgG2b Isotype Control. Cells were not fixed. Lymphocytes were gated.



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