

Nur für Forschungszwecke

# CD45RA Monoklonaler Antikörper

Katalog-Nr.: APC-65108



## Allgemeine Informationen

**Katalog-Nr.:**

APC-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

**Empfohlene Verdünnungen:**

IF 1:150-1:600

**Anregungs-/Emissionsmaxima-  
Wellenlängen:**

650 nm / 660 nm

## Anwendungen

**Geprüfte Anwendungen:**

FC, IF

**Getestete Reaktivität:**

Human

**Positivkontrollen:**

IF : humane mononukleäre Zellen aus peripherem  
Blut,

## 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:**

Phosphatbasierter Puffer mit 0,09% Natriumazid und 0,1% Gelatine, pH 7,2.

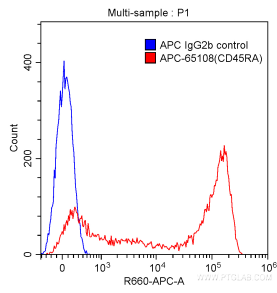
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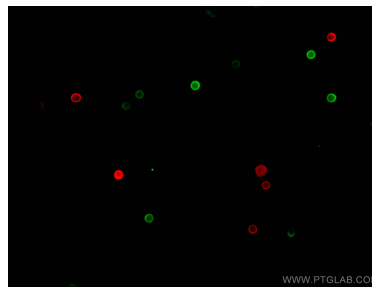
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Ausgewählte Validierungsdaten



1X10<sup>6</sup> human peripheral blood lymphocytes were surface stained with 0.125 ug APC-Anti-Human CD45RA (APC-65108, clone HI100) (red) or 0.125 ug APC-mouse IgG2b isotype control (blue). Cells were not fixed.



Immunofluorescent analysis of human peripheral blood mononuclear cells (PBMCs) using APC Anti-Human CD45RA (APC-65108, Clone: HI100) and CoraLite®488-conjugated Anti-Human CD45RO (CL488-65150, Clone: UCHL1) at dilution of 1:300.