

Nur für Forschungszwecke

# CD45 Monoklonaler Antikörper

Katalog-Nr.:PE-65082



## Allgemeine Informationen

<b>Katalog-Nr.:</b> PE-65082	<b>GenBank-Zugangsnummer:</b> BC014239	<b>Reinigungsmethode:</b> Affinitätsreinigung
<b>Größe:</b> 100tests , 5 µl/test	<b>GeneID (NCBI):</b> 5788	<b>CloneNo.:</b> 2D1
<b>Wirt:</b> Maus	<b>Vollständiger Name:</b> protein tyrosine phosphatase, receptor type, C	<b>Anregungs-/Emissionsmaxima- Wellenlängen:</b> 496 nm, 565 nm / 578 nm
<b>Isotyp:</b> IgG1, kappa		

## 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).

## 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.

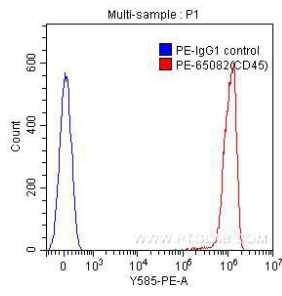
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## Ausgewählte Validierungsdaten



1X10<sup>6</sup> human peripheral blood lymphocytes were surface stained with 0.5 ug PE-Anti-Human CD45 (PE-65082, clone 2D1) (red) or 0.5 ug PE-mouse IgG1 isotype control (blue). Cells were not fixed.