

Nur für Forschungszwecke

# CD45R (B220) Monoklonaler Antikörper

Katalog-Nr.: FITC-65139



## Allgemeine Informationen

<b>Katalog-Nr.:</b> FITC-65139	<b>GenBank-Zugangsnummer:</b> BC028512	<b>Reinigungsmethode:</b> Affinitätsreinigung
<b>Größe:</b> 100ug, 0.5 mg/ml	<b>GeneID (NCBI):</b> 19264	<b>CloneNo.:</b> RA3-6B2
<b>Wirt:</b> Ratte	<b>Vollständiger Name:</b> protein tyrosine phosphatase, receptor type, C	<b>Anregungs-/Emissionsmaxima-Wellenlängen:</b> 495 nm / 524 nm
<b>Isotyp:</b> IgG2a, kappa		

## Anwendungen

**Geprüfte Anwendungen:**  
FC

**Getestete Reaktivität:**  
Human, Maus

## 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). CD45R (B220) is an isoform of CD45, expressed on murine B-lineage cells (except for plasma cells) and on a small sub-population of T cells (PMID: 6975314; 15712182). It is commonly used as a pan B-cell marker in mice. CD45R is also expressed on activated T cells and NK cell subsets (PMID: 7514808; 17923504). The RA3-6B2 clone reacts with human and mouse CD45R.

## Lagerung

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

**Lagerungspuffer:**  
PBS with 0.09% sodium azide.

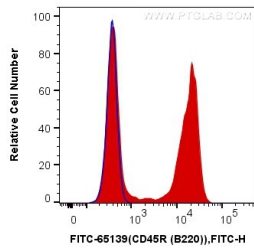
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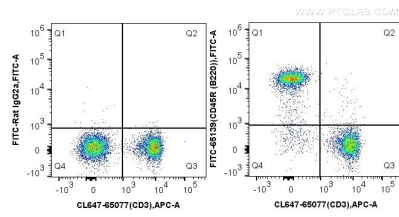
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Ausgewählte Validierungsdaten



1X10<sup>6</sup> mouse splenocytes were surface stained with 0.5 ug FITC Anti-Mouse CD45R (B220) (FITC-65139, Clone: RA3-6B2) (red), or 0.5 ug Control Antibody. Cells were not fixed.



1X10<sup>6</sup> C57BL/6 mouse splenocytes were surface stained with Coralite® Plus 647 Anti-Mouse CD3 (17A2) (CL647-65077, Clone: 17A2) and 0.5 ug FITC-Rat IgG2a isotype control (left) or 0.5 ug FITC Anti-Mouse CD45R (B220) (FITC-65139, Clone: RA3-6B2) (right). Cells were not fixed.