

Nur für Forschungszwecke

# CD45R (B220) Monoklonaler Antikörper

Katalog-Nr.:CL750-65139



## Allgemeine Informationen

<b>Katalog-Nr.:</b> CL750-65139	<b>GenBank-Zugangsnummer:</b> BC028512	<b>Reinigungsmethode:</b> Affinitätsreinigung
<b>Größe:</b> 100ug , 500 µg/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> 755 nm / 780 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.

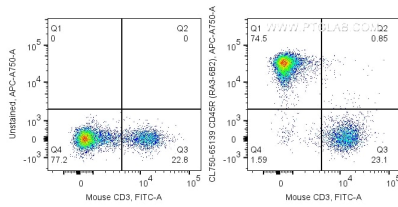
For technical support and original validation data for this product please contact:

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

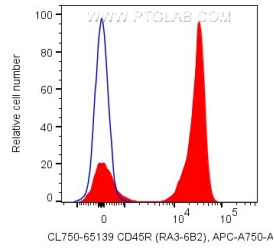
E: proteintech@ptglab.com  
W: ptglab.com

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> mouse splenocytes were surface costained with FITC Anti-Mouse CD3 and 0.25 ug CoraLite® Plus 750 Anti-Mouse CD45R (B220) (CL750-65139, Clone: RA3-6B2), or Rat IgG2a Isotype Control. Cells were not fixed. Lymphocytes were gated.



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