

Nur für Forschungszwecke

# CD45R (B220) Monoklonaler Antikörper



Katalog-Nr.: 65139-1-Ig **1 Publikationen**

## Allgemeine Informationen

<b>Katalog-Nr.:</b> 65139-1-Ig	<b>GenBank-Zugangsnummer:</b> BC028512	<b>Reinigungsmethode:</b> Affinitätsreinigung
<b>Größe:</b> 500ug, 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>Empfohlene Verdünnungen:</b> IF 1:250-1:1000
<b>Isotyp:</b> IgG2a, kappa		

## Anwendungen

<b>Geprüfte Anwendungen:</b> FC, IF	<b>Positivkontrollen:</b> IF : Maus-Splenozyten,
<b>In Publikationen genannte Anwendungen:</b> IF	
<b>Getestete Reaktivität:</b> Human, Maus	
<b>Zitierte Arten:</b> 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.

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Riko Niwa	36524622	Thorac Cancer	IF

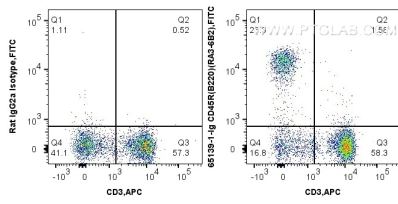
## Lagerung

**Lagerungsbedingungen:**  
Store at 2-8°C. Stable for one year after shipment.  
**Lagerungspuffer:**  
PBS with 0.09% sodium azide.

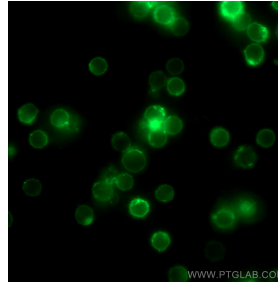
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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> C57BL/c mouse splenocytes were surface co-stained with APC Anti-Mouse CD3 and 0.5 ug Anti-Mouse CD45R (B220) (65139-1-Ig, Clone: RA3-6B2) or 0.5 ug Isotype Control. Cells were not fixed.



Immunofluorescent analysis of mouse splenocytes using CD45R (B220) antibody (65139-1-Ig, Clone: RA3-6B2) at dilution of 1:500 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).