

À des fins de recherche uniquement

# Anticorps Monoclonal anti-CD45R (B220)



Numéro de catalogue: 65139-1-Ig

1 Publications

## Informations de base

Numéro de catalogue:  
65139-1-Ig  
Taille:  
500ug, 0.5 mg/ml  
Hôte:  
Rat  
Isotype:  
IgG2a, kappa

Numéro d'acquisition GenBank:  
BC028512  
Identification du gène (NCBI):  
19264  
Nom complet:  
protein tyrosine phosphatase,  
receptor type, C

Méthode de purification:  
Purification par affinité  
CloneNo.:  
RA3-6B2  
Dilutions recommandées:  
IF 1:250-1:1000

## Applications

Applications testées:  
FC, IF

Demandes citées:  
IF

Spécificité de l'espèce:  
Humain, souris

Espèces citées:  
souris

Contrôles positifs:

IF : splénocytes de souris,

## Informations générales

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.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Riko Niwa	36524622	Thorac Cancer	IF

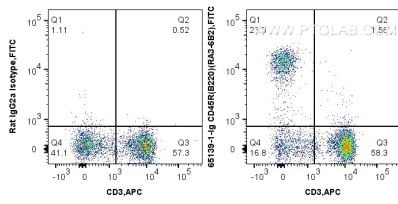
## Stockage

Stockage:  
Store at 2-8°C. Stable for one year after shipment.  
Tampon de stockage:  
PBS with 0.09% sodium azide.

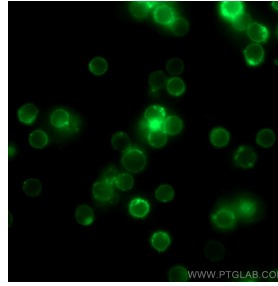
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

## Données de validation sélectionnées



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).