À des fins de recherche uniquement

Anticorps Monoclonal anti-CD45R (B220)

proteintech®
Antibodies | ELISA kits | Proteins
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Numéro de catalogue:FITC-65139

Informations de base

Numéro de catalogue:
FITC-65139

Taille:
100ug , 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

Excitation/Emission maxima wavelengths:
495 nm / 524 nm

Applications

Applications testées:
FC

Spécificité de l'espèce:
Humain, souris

Informations générales

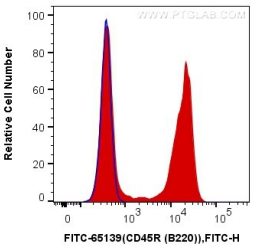
CD45, also known as protein tyrosine phosphatase, receptor type C, is a type I transmembrane protein expressed on the surface of all haematopoietic cells with the exception of erythrocytes and platelets (PMID: 3489673; 28615666). CD45 is a pan-haematopoietic cell marker and has been shown to be essential 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.

Stockage

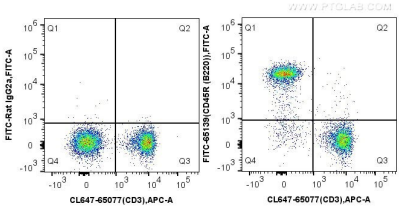
Stockage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.
Tampon de stockage:
PBS with 0.09% sodium azide.

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

Données de validation sélectionnées



1X10^6 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.



1X10^6 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.