

À des fins de recherche uniquement

Anticorps Monoclonal anti-CD45.1

Numéro de catalogue: FITC-65092



Informations de base

Numéro de catalogue: FITC-65092	Numéro d'acquisition GenBank: BC028512	Méthode de purification: Purification par affinité
Taille: 100ug, 0.5 mg/ml	Identification du gène (NCBI): 19264	CloneNo.: A20
Hôte: Mouse	Nom complet: protein tyrosine phosphatase, receptor type, C	Excitation/Emission maxima wavelengths: 494 nm / 520 nm
Isotype: IgG2a		

Applications

Applications testées:
FC

Spécificité de l'espèce:
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). Allelic variants of mouse CD45, CD45.1 (Ly5.1) and CD45.2 (Ly5.1), have been established as a marker system to track haematopoietic cells following congenic mouse bone marrow transplants (PMID: 28615666). CD45.2 is the common form and is expressed by most of the established strains, while CD45.1 is found in only a few like the SJL mouse strain (PMID: 3489673).

Stockage

Stockage:
Stocker à une température comprise entre 2 °C et 8 °C. Éviter toute exposition à la lumière.

Tampon de stockage:
Tampon à base de phosphate avec azoture de sodium à 0,09 % et gélatine à 0,1 %, pH 7,2.

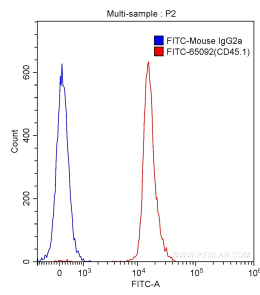
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T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

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

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Données de validation sélectionnées



1X10⁶ SJL mouse splenocytes were surface stained with 0.13 ug FITC-Anti-Mouse CD45.1 (FITC-65092, clone A20) (red) or 0.13 ug FITC-mouse IgG2a isotype control (blue). Cells were not fixed.