

À des fins de recherche uniquement

# Anticorps Monoclonal anti-CD45.2

Numéro de catalogue: FITC-65072



## Informations de base

Numéro de catalogue:  
FITC-65072

Taille:  
100ug, 0.5 mg/ml

Hôte:  
Mouse

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.:  
104

Excitation/Emission maxima  
wavelengths:  
494 nm / 520 nm

## 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:

Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Tampon de stockage:

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

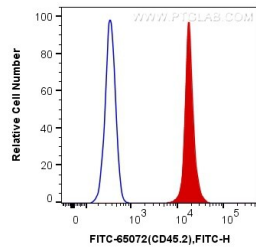
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## Données de validation sélectionnées



1X10<sup>6</sup> C57BL/6 mouse splenocytes were surface stained with 0.25 ug FITC Anti-Mouse CD45.2 (FITC-65072, Clone:104) (red) or 0.25 ug FITC-mouse IgG2a isotype control (blue). Cells were not fixed.