

Nur für Forschungszwecke

CD45.1 Monoklonaler Antikörper

Katalog-Nr.: FITC-65092



Allgemeine Informationen

Katalog-Nr.:
FITC-65092

Größe:
100µg, 0.5 mg/ml

Wirt:
Maus

Isotyp:
IgG2a

GenBank-Zugangsnummer:
BC028512

GeneID (NCBI):
19264

Vollständiger Name:
protein tyrosine phosphatase,
receptor type, C

Reinigungsmethode:
Affinitätsreinigung

CloneNo.:
A20

**Anregungs-/Emissionsmaxima-
Wellenlängen:**
494 nm / 520 nm

Anwendungen

Geprüfte Anwendungen:
FC

Getestete Reaktivität:
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). 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).

Lagerung

Lagerungsbedingungen:

Bei 2-8°C lagern. Vor Licht schützen.

Lagerungspuffer:

Phosphatbasierter Puffer mit 0,09% Natriumazid und 0,1% Gelatine, pH 7,2.

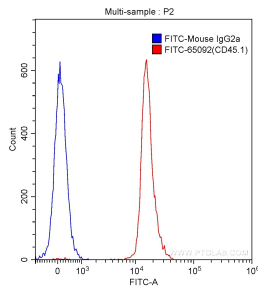
For technical support and original validation data for this product please contact:

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



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.