

Nur für Forschungszwecke

CD45.1 Monoklonaler Antikörper

Katalog-Nr.:PE-65092



Allgemeine Informationen

Katalog-Nr.: PE-65092	GenBank-Zugangsnummer: BC028512	Reinigungsmethode: Affinitätsreinigung
Größe: 100µg, 0.2 mg/ml	GeneID (NCBI): 19264	CloneNo.: A20
Wirt: Maus	Vollständiger Name: protein tyrosine phosphatase, receptor type, C	Anregungs-/Emissionsmaxima- Wellenlängen: 496 nm, 565 nm / 578 nm
Isotyp: IgG2a		

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.

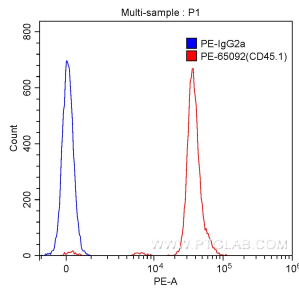
For technical support and original validation data for this product please contact:

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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 0.20 ug PE-Anti-Mouse CD45.1 (PE-65092, clone A20) (red) or 0.20 ug PE-mouse IgG2a isotype control (blue). Cells were not fixed.