

CD45.2 Monoklonaler Antikörper

Katalog-Nr.: FITC-65072

Allgemeine Informationen

Katalog-Nr.:

FITC-65072

Größe:

100 µg, 0.5 mg/ml

Wirt:

Maus

Isotyp:

IgG2a, kappa

GenBank-Zugangsnummer:

BC028512

GeneID (NCBI):

19264

Vollständiger Name:

protein tyrosine phosphatase,
receptor type, C

Reinigungsmethode:

Affinitätsreinigung

CloneNo.:

104

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:

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

Lagerungspuffer:

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

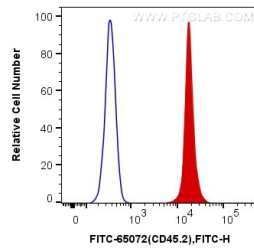
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Ausgewählte Validierungsdaten



1X10⁶ 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.