

For Research Use Only

FITC Anti-Human CD45 (F10-89-4)

Catalog Number: FITC-65064



Basic Information

Catalog Number:

FITC-65064

Concentration:

100 tests, 10 µl/test

Source:

Mouse

Isotype:

IgG2a, kappa

GenBank Accession Number:

BC014239

GeneID (NCBI):

5788

ENSEMBL Gene ID:

ENSG00000081237

UNIPROT ID:

P08575

Full Name:

protein tyrosine phosphatase,
receptor type, C

Purification Method:

Affinity purification

CloneNo.:

F10-89-4

Recommended Dilutions:

FC: 10 µl per 10⁶ cells in 100 µl
suspension

Excitation/Emission maxima
wavelengths:

498 nm / 526 nm

Applications

Tested Applications:

FC

Species Specificity:

human

Positive Controls:

FC : human PBMCs,

Background Information

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).

Storage

Storage:

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

Storage Buffer:

PBS with 0.09% sodium azide, pH7.3

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

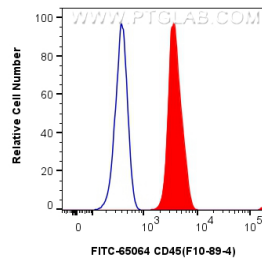
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ human PBMCs were surface stained with 10 ul FITC Anti-Human CD45 (FITC-65064, Clone:F10-89-4)(red), or 10 ul FITC Plus Mouse IgG2a Isotype Control (C1.18.4) (FITC-65208, Clone: C1.18.4) (blue). Cells were not fixed.