

For Research Use Only

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



Catalog Number: FITC-65064

## Basic Information

Catalog Number:

FITC-65064

Size:

100tests , 10 µl/test

Source:

Mouse

Isotype:

IgG2a

GenBank Accession Number:

BC014239

GeneID (NCBI):

5788

Full Name:

protein tyrosine phosphatase,  
receptor type, C

Purification Method:

Affinity purification

CloneNo.:

F10-89-4

## Applications

Tested Applications:

FC

Species Specificity:

Human

## 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.

Storage Buffer:

PBS with 0.1% sodium azide.

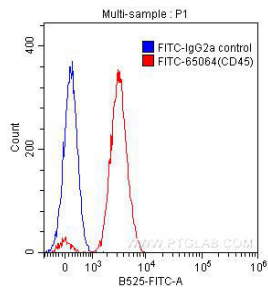
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## Selected Validation Data



1X10<sup>6</sup> human peripheral blood lymphocytes were surface stained with 10 ul FITC-Anti-Human CD45 (FITC-65064, clone F10-89-4) (red) or 10 ul FITC-mouse IgG2a isotype control (blue). Cells were not fixed.