

For Research Use Only

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

Catalog Number: 65064-1-Ig



## Basic Information

Catalog Number:

65064-1-Ig

Size:

100ug, 0.1 mg/ml

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

## 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. Stable for one year after shipment.

Storage Buffer:

Borate buffered saline, pH 8.2.

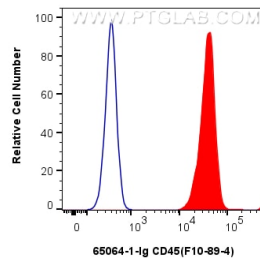
For technical support and original validation data for this product please contact:

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## Selected Validation Data



$1 \times 10^6$  human PBMCs were surface stained with 0.5  $\mu$ g Anti-Human CD45 (F10-89-4) (65064-1-Ig, Clone: F10-89-4) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) (SA00013-1) (red), or 0.5  $\mu$ g Mouse IgG2a Isotype Control (C1.18.4) (65208-1-Ig, Clone: C1.18.4) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) (SA00013-1) (blue). Cells were not fixed.