

For Research Use Only

# FITC Anti-Mouse CD45 (30-F11)

Catalog Number: FITC-65087



## Basic Information

Catalog Number:

FITC-65087

Size:

100ug, 500 µg/ml

Source:

Rat

Isotype:

IgG2b, kappa

GenBank Accession Number:

BC028512

GeneID (NCBI):

19264

UNIPROT ID:

P06800

Full Name:

protein tyrosine phosphatase, receptor type, C

Purification Method:

Affinity purification

CloneNo.:

30-F11

Excitation/Emission maxima wavelengths:

494 nm / 520 nm

## Applications

Tested Applications:

FC

Species Specificity:

Mouse

## 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:

Phosphate based buffer with 0.09% sodium azide and 0.1% gelatin, pH 7.2.

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

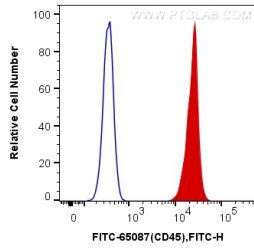
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W: [ptgcn.com](http://ptgcn.com)

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

## Selected Validation Data



1X10<sup>6</sup> C57BL/6 mouse splenocytes were surface stained with 0.5 ug FITC Anti-Mouse CD45 (FITC-65087, Clone:30-F11) (red) or 0.5 ug FITC-rat IgG2b isotype control (blue). Cells were not fixed.