

For Research Use Only

# APC Anti-Mouse CD45 (30-F11)

Catalog Number: APC-65087

1 Publications



## Basic Information

Catalog Number:

APC-65087

Size:

100ug, 200 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:

650 nm / 660 nm

## Applications

Tested Applications:

FC

Cited Applications:

FC

Species Specificity:

Mouse

Cited Species:

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).

## Notable Publications

Author	Pubmed ID	Journal	Application
Zhuo Cheng	37544392	Acta Biomater	FC

## 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.

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

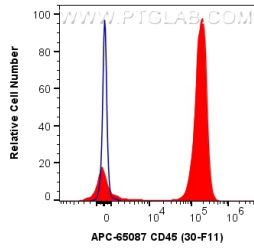
T: 4006900926

E: Proteintech-CN@ptglab.com

W: 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> mouse splenocytes were surface stained with 0.2 ug APC Anti-Mouse CD45 (APC-65087, Clone:30-F11) (red), or 0.2 ug Isotype Control. Cells were not fixed.