

For Research Use Only

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

Catalog Number: APC-65064 **2 Publications**



Basic Information

Catalog Number:

APC-65064

Size:

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

Excitation/Emission maxima
wavelengths:

650 nm / 660 nm

Applications

Tested Applications:

FC

Cited Applications:

FC

Species Specificity:

human

Cited Species:

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).

Notable Publications

Author	Pubmed ID	Journal	Application
Jia Zeng	37274922	Asian J Pharm Sci	FC
Yuang Li	36960347	Microsyst Nanoeng	FC

Storage

Storage:

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

Storage Buffer:

PBS with 0.1% sodium azide and a stabilizer.

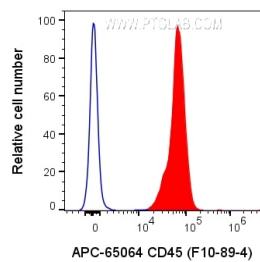
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

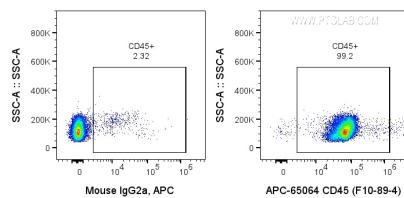
E: proteintech@ptglab.com
W: ptglab.com

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 APC Anti-Human CD45 (APC-65064, Clone: F10-89-4) or Mouse IgG2a Isotype Control. Cells were not fixed. Lymphocytes were gated.



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