

For Research Use Only

FITC Plus Anti-Mouse CD45 (30-F11)

Catalog Number: FITC-65087

2 Publications



Basic Information

Catalog Number:

FITC-65087

Concentration:

100ug, 500 ug/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

Recommended Dilutions:

FC: 0.25 ug per 10⁶ cells in 100 µl suspension

Excitation/Emission maxima wavelengths:

495 nm / 524 nm

Applications

Tested Applications:

FC

Cited Applications:

FC

Species Specificity:

mouse

Cited Species:

mouse

Positive Controls:

FC : mouse splenocytes,

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
Yiqi Zhang	39814826	Commun Biol	
Hanxianzhi Xiao	37783150	Biomed Pharmacother	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, pH7.3

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

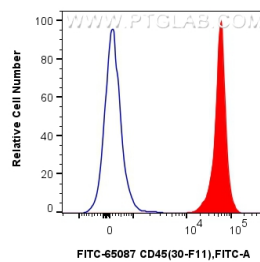
T: 4006900926

E: Proteintech-CN@ptglab.com

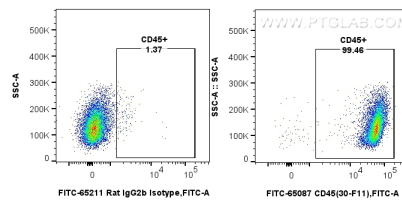
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Selected Validation Data



1x10⁶ mouse splenocytes were surface stained with 0.25 ug FITC Plus Anti-Mouse CD45 (30-F11) (FITC-65087, Clone:30-F11) (red), or FITC Plus Rat IgG2b Isotype Control (LTF-2) (FITC-65211, Clone: LTF-2) (blue). Cells were not fixed.



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