

For Research Use Only

PE Anti-Mouse CD45 (30-F11)

Catalog Number: PE-65087

2 Publications



Basic Information

Catalog Number:

PE-65087

Size:

100ug, 0.2 mg/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:

496 nm, 565 nm / 578 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
Lisha Liu	39034393	J Nanobiotechnology	FC
Ting Liang	37743226	Adv Sci (Weinh)	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.

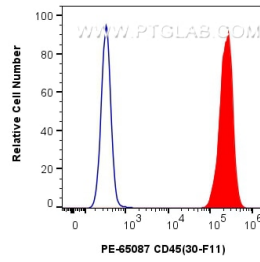
For technical support and original validation data for this product please contact:

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Selected Validation Data



1×10^6 C57BL/6 mouse splenocytes were surface stained with 0.5 μ g PE Anti-Mouse CD45 (PE-65087, Clone:30-F11) (red), or 0.5 μ g PE Rat IgG2b Isotype Control (LTF-2) (PE-65211, Clone: LTF-2) (blue). Cells were not fixed.