

For Research Use Only

PE Anti-Mouse CD45 (30-F11)

Catalog Number: PE-65087

1 Publications



Basic Information

Catalog Number: PE-65087	GenBank Accession Number: BC028512	Purification Method: Affinity purification
Size: 100ug, 0.2 mg/ml	GeneID (NCBI): 19264	CloneNo.: 30-F11
Source: Rat	Full Name: protein tyrosine phosphatase, receptor type, C	Excitation/Emission maxima wavelengths: 496 nm, 565 nm / 578 nm
Isotype: IgG2b, kappa		

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
Ting Liang	37743226	Adv Sci (Weinh)	FC

Storage

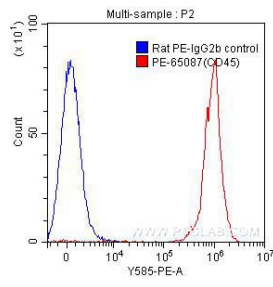
Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:
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:
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

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Selected Validation Data



1X10⁶ C57BL/6 mouse splenocytes were surface stained with 0.20 ug PE-Anti-Mouse CD45 (PE-65087, clone 30-F11) (red) or 0.20 ug PE-rat IgG2b isotype control (blue). Cells were not fixed.