

For Research Use Only

FcZero-rAb™ PE-CoraLite® Plus 594 Anti-Mouse CD45 Rabbit Recombinant Antibody

Catalog Number:**PCL594-FcA98035**



Basic Information

Catalog Number:	PCL594-FcA98035	GenBank Accession Number:	NM_001111316.2	Purification Method:	Protein A purification
Concentration:	100ug, 200 ug/ml	GenID (NCBI):	19264	CloneNo.:	240356D1
Source:	Rabbit	UNIPROT ID:	P06800-4	Recommended Dilutions:	FC: 0.1 ug per 10 ⁶ cells in a 100 µl suspension
Isotype:	IgG	Full Name:	protein tyrosine phosphatase, receptor type, C	Excitation/Emission maxima wavelengths:	496 nm, 565 nm / 604 nm
Immunogen Catalog Number:	EG0845	Calculated MW:	145 kDa		

Applications

Tested Applications:	Positive Controls:
FC	FC : mouse splenocytes,
Species Specificity:	

mouse

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).

Storage

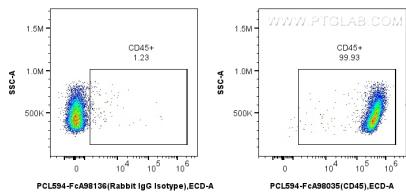
Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 0.09% sodium azide and 0.5% BSA, pH7.3

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com

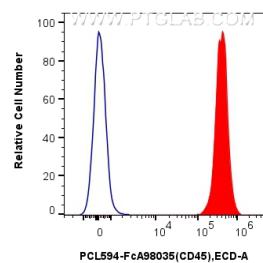
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1×10^6 mouse splenocytes were surface stained with 0.1 ug PE-CoraLite® Plus 594 Anti-Mouse CD45 Rabbit RecAb (PCL594-FcA98035, Clone: 240356D1) or FcZero-rAb™ PE-CoraLite® Plus 594 Rabbit IgG Isotype Control Recombinant Antibody (PCL594-FcA98136, Clone: 240953C9). Cells were not fixed.



1×10^6 mouse splenocytes were surface stained with 0.1 ug PE-CoraLite® Plus 594 Anti-Mouse CD45 Rabbit RecAb (PCL594-FcA98035, Clone: 240356D1) (red) or FcZero-rAb™ PE-CoraLite® Plus 594 Rabbit IgG Isotype Control Recombinant Antibody (PCL594-FcA98136, Clone: 240953C9) (blue). Cells were not fixed.