For Research Use Only

CoraLite® Plus 647 Anti-Human CD45 Rabbit Recombinant Antibody

Catalog Number:CL647-98117

proteintech®
Antibodies | ELISA kits | Proteins
Uni-rAb
www.ptglab.com

Basic Information

Catalog Number:
CL647-98117

Concentration:
100tests, 5 μl/test

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
EG2486

GenBank Accession Number:

GeneID (NCBI):
5788

ENSEMBL Gene ID:
ENSG00000081237

Full Name:
protein tyrosine phosphatase, receptor type, C

Calculated MW:
147 kDa

Purification Method:
Protein A purification

CloneNo.:
241670E10

Recommended Dilutions:
FC: 5 ul per 10^6 cells in 100 μl suspension

Excitation/Emission maxima wavelengths:
654 nm / 674 nm

Applications

Tested Applications:
FC

Species Specificity:
human

Positive Controls:

FC : human peripheral blood leukocytes,

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).

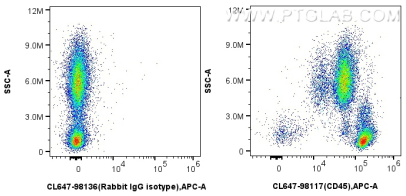
Storage

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

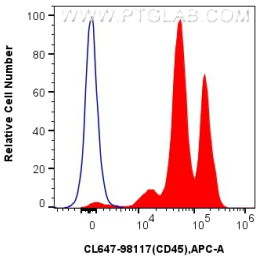
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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

Selected Validation Data



1x10^6 human peripheral blood leukocytes were surface stained with 5 ul CoraLite® Plus 647 Anti-Human CD45 Rabbit Recombinant Antibody (CL647-98117, Clone: 241670E10) or CoraLite® Plus 647 Rabbit IgG Isotype Control Recombinant Antibody (CL647-98136, Clone: 240953C9). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.



1x10^6 human peripheral blood leukocytes were surface stained with 5 ul CoraLite® Plus 647 Anti-Human CD45 Rabbit Recombinant Antibody (CL647-98117, Clone: 241670E10) (red) or CoraLite® Plus 647 Rabbit IgG Isotype Control Recombinant Antibody (CL647-98136, Clone: 240953C9) (blue). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.