

For Research Use Only

CoraLite® Plus 647 Anti-Rat CD45RA (OX-33) Mouse IgG1 Recombinant Antibody



Catalog Number: **CL647-65543**

Basic Information

| | | |
|---------------------------------------|---|---|
| Catalog Number: CL647-65543 | GenBank Accession Number: XM_006249910 | Purification Method: Affinity purification |
| Size: 100ug, 500 µg/ml | GeneID (NCBI): 24699 | CloneNo.: OX-33 |
| Source: Mouse | Full Name: protein tyrosine phosphatase, receptor type, C | Excitation/Emission maxima wavelengths: 654 nm / 674 nm |
| Isotype: IgG1 | Calculated MW: 143 kDa | |

Applications

Tested Applications:
FC

Species Specificity:
Rat

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.

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

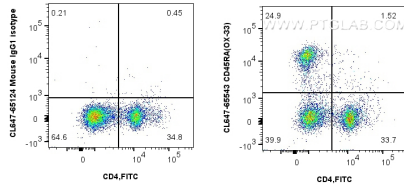
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1×10^6 rat splenocytes were surface stained with 0.5 μ g CoraLite® Plus 647 Anti-Rat CD45RA (OX-33) Mouse Recombinant Antibody (CL647-65543, Clone:OX-33) or 0.5 μ g CoraLite® Plus 647 Mouse IgG1 Isotype Control (MOPC-21) (CL647-65124, Clone: MOPC-21), and FITC Plus Anti-Rat CD4 (OX-35) (FITC-65179, Clone: OX-35). Cells were not fixed.