

For Research Use Only

CoraLite® Plus 647 Anti-Rat CD45RA (OX-33) Rabbit IgG Recombinant Antibody

Catalog Number: CL647-65555



Basic Information

Catalog Number:

CL647-65555

Size:

100ug, 500 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

XM_006249910

GeneID (NCBI):

24699

Full Name:

protein tyrosine phosphatase, receptor type, C

Calculated MW:

143 kDa

Purification Method:

Affinity purification

CloneNo.:

OX-33

Recommended Dilutions:

FC: 0.5 ug per 10⁶ cells in 100 µl suspension

Excitation/Emission maxima wavelengths:

654 nm / 674 nm

Applications

Tested Applications:

FC

Species Specificity:

rat

Positive Controls:

FC : rat splenocytes,

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

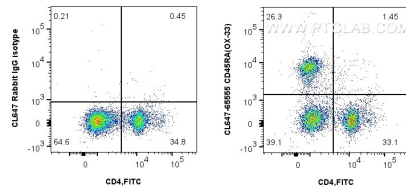
For technical support and original validation data for this product please contact:

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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



1x10⁶ rat splenocytes were surface stained with 0.5 ul CoraLite® Plus 647 Anti-Rat CD45RA (OX-33) Rabbit Recombinant Antibody (CL647-65555, Clone:OX-33), or CoraLite® Plus 647-conjugated Rabbit IgG control Rabbit PolyAb (CL647-30000), and 0.5 ug FITC Plus Anti-Rat CD4 (OX-35) (FITC-65179, Clone: OX-35). Cells were not fixed.