

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:

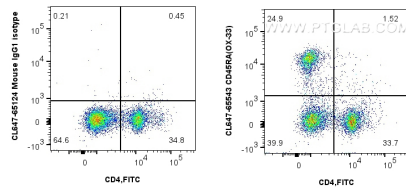
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://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<sup>6</sup> rat splenocytes were surface stained with 0.5 ug CoraLite® Plus 647 Anti-Rat CD45RA (OX-33) Mouse Recombinant Antibody (CL647-65543, Clone:OX-33) or 0.5 ug 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.