

For Research Use Only

CoraLite® Plus 647 Anti-Rat CD45 (OX1)



Catalog Number: **CL647-65228**

Basic Information

Catalog Number: CL647-65228	GenBank Accession Number: XM_006249910	Purification Method: Affinity purification
Size: 100ug, 500 µg/ml	GeneID (NCBI): 24699	CloneNo.: OX1
Source: Mouse	UNIPROT ID: P04157	Excitation/Emission maxima wavelengths: 654 nm / 674 nm
Isotype: IgG1, kappa	Full Name: protein tyrosine phosphatase, receptor type, C	
	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:

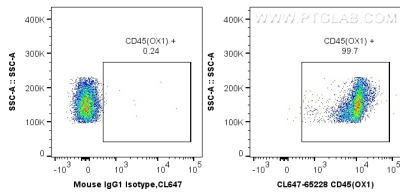
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1X10⁶ Wistar rat splenocytes were surface stained with 1 ug CoraLite® Plus 647 Anti-Rat CD45 (CL647-65228, Clone: OX1) or 1 ug Control Antibody. Cells were not fixed.