

For Research Use Only

CoraLite® Plus 555 Anti-Rat CD45 (OX1)



Catalog Number: **CL555-65228**

Basic Information

Catalog Number: CL555-65228	GenBank Accession Number: XM_006249910	Purification Method: Affinity purification
Size: 100ug, 0.5 mg/ml	GeneID (NCBI): 24699	CloneNo.: OX1
Source: Mouse	UNIPROT ID: P04157	Excitation/Emission maxima wavelengths: 554 nm / 570 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

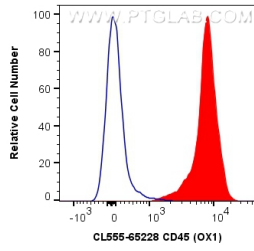
Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:
PBS with 0.09% sodium azide.

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



1×10^6 rat splenocytes were surface stained with 0.5 μ g CoralLite® Plus 555 Anti-Rat CD45 (CL555-65228, Clone:OX1) (red), or 0.5 μ g Isotype Control. Cells were not fixed.