

For Research Use Only

CoraLite® Plus 647 Anti-Human CD45 (2D1)



Catalog Number: CL647-65082

Basic Information

Catalog Number: CL647-65082	GenBank Accession Number: BC014239	Purification Method: Affinity purification
Size: 100tests, 5 µl/test	GeneID (NCBI): 5788	CloneNo.: 2D1
Source: Mouse	ENSEMBL Gene ID: ENSG00000081237	Excitation/Emission maxima wavelengths: 654 nm / 674 nm
Isotype: IgG1, kappa	Full Name: protein tyrosine phosphatase, receptor type, C	

Applications

Tested Applications:
FC

Species Specificity:
Human

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 0.1% sodium azide and 0.5% BSA, pH 7.3.

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

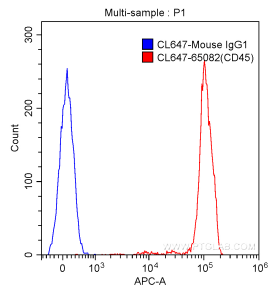
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1X10⁶ human peripheral blood lymphocytes were surface stained with 5.00 ul/test Coralite® Plus 647-conjugated Anti-Human CD45 (CL647-65082, Clone: 2D1) (red) or isotype control antibody (blue). Cells were not fixed.