

For Research Use Only

CoraLite® Plus 405 Anti-Mouse CD45 (30-F11)



Catalog Number: CL405-65087

Basic Information

Catalog Number: CL405-65087	GenBank Accession Number: BC028512	Purification Method: Affinity purification
Size: 100ug, 0.5 mg/ml	GeneID (NCBI): 19264	CloneNo.: 30-F11
Source: Rat	UNIPROT ID: P06800	Excitation/Emission maxima wavelengths: 399 nm / 422 nm
Isotype: IgG2b, kappa	Full Name: protein tyrosine phosphatase, receptor type, C	

Applications

Tested Applications:
FC

Species Specificity:
Mouse

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:

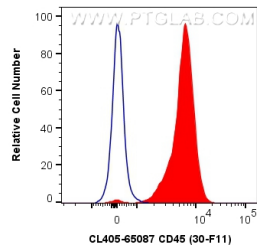
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1X10⁶ mouse splenocytes were surface stained with 0.2 ug CoraLite® Plus 405 Anti-Mouse CD45 (CL405-65087, Clone:30-F11) (red), or 0.2 ug Isotype Control. Cells were not fixed.