

For Research Use Only

CoraLite® Plus 488 Anti-Mouse CD45 (30-F11)



Catalog Number: CL488-65087

Basic Information

Catalog Number: CL488-65087	GenBank Accession Number: BC028512	Purification Method: Affinity purification
Size: 100ug , 500 µg/ml	GeneID (NCBI): 19264	CloneNo.: 30-F11
Source: Rat	UNIPROT ID: P06800	Recommended Dilutions: IF/ICC 1:200-1:800
Isotype: IgG2b, kappa	Full Name: protein tyrosine phosphatase, receptor type, C	Excitation/Emission maxima wavelengths: 493 nm / 522 nm

Applications

Tested Applications: IF/ICC, FC	Positive Controls: IF/ICC : mouse splenocytes,
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).

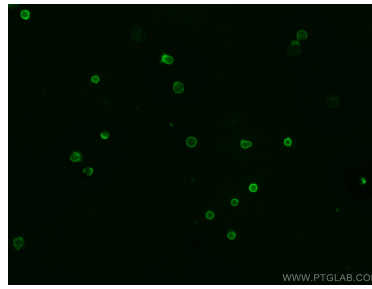
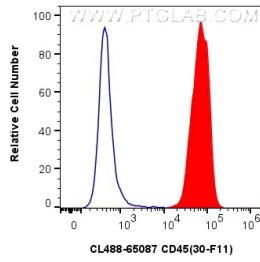
Storage

Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 0.1% sodium azide and 0.5% BSA, pH 7.3.

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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 0.25 ug CoraLite® Plus 488 Anti-Mouse CD45 (CL488-65087, Clone:30-F11) (red), or 0.25 ug CoraLite® Plus 488 Rat IgG2b Isotype Control (LTF-2) (CL488-65211, Clone: LTF-2) (blue). Cells were not fixed.

Immunofluorescent analysis of mouse splenocytes using CoraLite® Plus 488-conjugated Anti-Mouse CD45 (CL488-65087, Clone: 30-F11) at dilution of 1:400.