

For Research Use Only

CoraLite® Plus 647 Anti-Mouse CD45 (30-F11)

Catalog Number: CL647-65087



Basic Information

Catalog Number:

CL647-65087

Concentration:

100ug, 0.5 mg/ml

Source:

Rat

Isotype:

IgG2b, kappa

GenBank Accession Number:

BC028512

GeneID (NCBI):

19264

UNIPROT ID:

P06800

Full Name:

protein tyrosine phosphatase, receptor type, C

Purification Method:

Affinity purification

CloneNo.:

30-F11

Recommended Dilutions:

IF/ICC 1:200-1:800

Excitation/Emission maxima wavelengths:

654 nm / 674 nm

Applications

Tested Applications:

IF/ICC, FC

Species Specificity:

mouse

Positive Controls:

IF/ICC : mouse splenocytes,

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 and 0.5% BSA, pH7.3

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

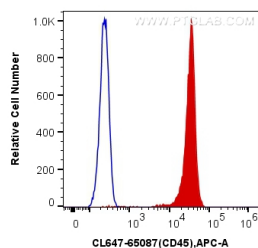
T: 4006900926

E: Proteintech-CN@ptglab.com

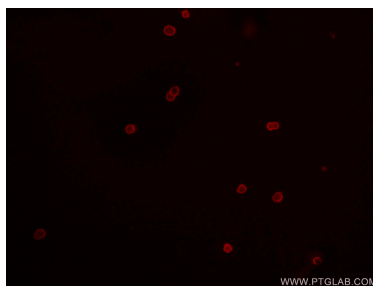
W: ptgcn.com

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Selected Validation Data



1X10⁶ C57BL/6 mouse splenocytes were surface stained with 0.25 ug Coralite® Plus 647 Anti-Mouse CD45 (CL647-65087, Clone: 30-F11) (red) or isotype control antibody (blue). Cells were not fixed.



Immunofluorescent analysis of mouse splenocytes using Coralite® Plus 647-conjugated Anti-Mouse CD45 (CL647-65087, Clone: 30-F11) at dilution of 1:400.