

For Research Use Only

CoraLite® Plus 488-conjugated CD45 Recombinant antibody

Catalog Number: CL488-83396-5



Basic Information

Catalog Number:

CL488-83396-5

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_001111316.2

GeneID (NCBI):

19264

UNIPROT ID:

P06800-4

Full Name:

protein tyrosine phosphatase,
receptor type, C

Calculated MW:

145 kDa

Observed MW:

190 kDa

Purification Method:

Protein A purification

CloneNo.:

240356G10

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima
wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

mouse

Positive Controls:

IF/ICC : RAW 264.7 cells,

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 -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

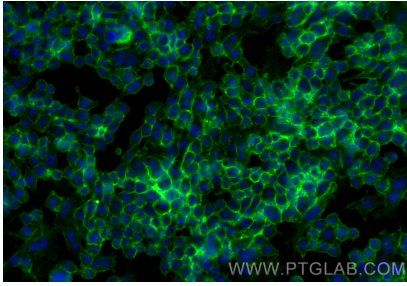
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol)
fixed RAW 264.7 cells using CoraLite® Plus 488
CD45 antibody (CL488-83396-5, Clone: 240356G10
) at dilution of 1:200.