

For Research Use Only

CoraLite® Plus 405 Anti-Rat CD45 Rabbit Recombinant Antibody

Catalog Number: CL405-98651



Basic Information

Catalog Number:

CL405-98651

Size:

100ug , 500 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG4666

GenBank Accession Number:

NM_138507.3

GeneID (NCBI):

24699

UNIPROT ID:

P04157-1

Full Name:

protein tyrosine phosphatase, receptor type, C

Calculated MW:

143 kDa

Purification Method:

Protein A purification

CloneNo.:

252198H7

Recommended Dilutions:

FC: 0.25 ug per 10⁶ cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

399 nm / 422 nm

Applications

Tested Applications:

FC

Species Specificity:

rat

Positive Controls:

FC : rat 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, pH7.3

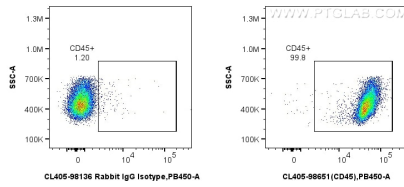
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

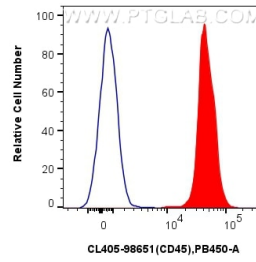
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



1x10⁶ rat splenocytes were surface stained with 0.25 ug CoraLite® Plus 405 Anti-Rat CD45 Rabbit RecAb (CL405-98651, Clone:252198H7) or CoraLite® Plus 405 Rabbit IgG Isotype Control Recombinant Antibody (CL405-98136, Clone: 240953C9). Cells were not fixed.



1x10⁶ rat splenocytes cells were surface stained with 0.25 ug CoraLite® Plus 405 Anti-Rat CD45 Rabbit RecAb (CL405-98651, Clone:252198H7)(red) or CoraLite® Plus 405 Rabbit IgG Isotype Control Recombinant Antibody (CL405-98136, Clone: 240953C9)(blue). Cells were not fixed.