For Research Use Only

CoraLite® Plus 405 Anti-Mouse CD45 Rabbit Recombinant Antibody

Catalog Number:CL405-98035 1 Publications

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
CL405-98035

Concentration:
100ug, 500 ug/ml

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
EG0845

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

Purification Method:
Protein A purification

CloneNo.:
240356D1

Recommended Dilutions:
FC: 0.25 ug per 10^6 cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:
399 nm / 422 nm

Applications

Tested Applications:
FC

Cited Applications:
FC

Species Specificity:
mouse

Cited Species:
mouse

Positive Controls:

FC : 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).

Notable Publications

Author	Pubmed ID	Journal	Application
Xiaoyu Yang	41599367	Molecules	FC

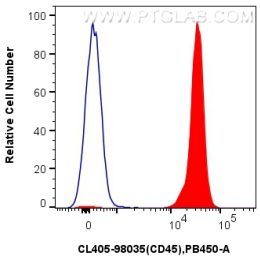
Storage

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

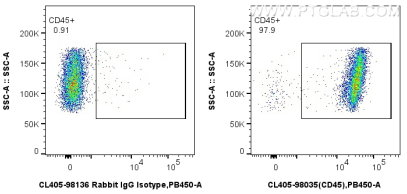
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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

Selected Validation Data



1x10^6 mouse splenocytes were surface stained with 0.25 ug CoraLite® Plus 405 Anti-Mouse CD45 Rabbit RecAb (CL405-98035, Clone: 240356D1)(red) or 0.25 ug CoraLite® Plus 405 Rabbit IgG Isotype Control RecAb (CL405-98136, Clone: 240953C9) (blue). Cells were not fixed.



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