

For Research Use Only

FcZero-rAb® PE-CoraLite® Plus 594 Anti-Rat CD4 Rabbit Recombinant Antibody

Catalog Number: PCL594-FcA98252



Basic Information

Catalog Number:
PCL594-FcA98252

Concentration:
100ug, 200 ug/ml

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
EG2025

GenBank Accession Number:
NM_012705.1

GeneID (NCBI):
24932

UNIPROT ID:
P05540

Full Name:
Cd4 molecule

Calculated MW:
51 kDa

Purification Method:
Protein A purification

CloneNo.:
241955C11

Recommended Dilutions:
FC: 0.1 ug per 10⁶ cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:
496 nm, 565 nm / 604 nm

Applications

Tested Applications:
FC

Species Specificity:
rat

Positive Controls:

FC : rat splenocytes,

Background Information

CD4 is a 55-kDa transmembrane glycoprotein expressed on T helper cells, majority of thymocytes, monocytes, macrophages, and dendritic cells (PMID: 9304802; 12213222). CD4 is an accessory protein for MHC class-II antigen/T-cell receptor interaction. It plays an important role in T helper cell development and activation (PMID: 9539765; 3112582). CD4 serves as a receptor for the human immunodeficiency virus (HIV) (PMID: 9304802).

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:

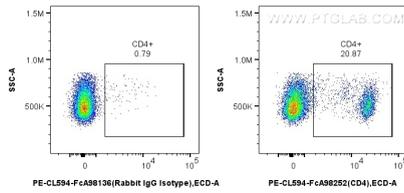
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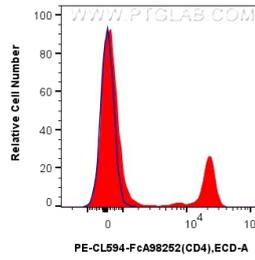
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Selected Validation Data



1x10⁶ rat splenocytes were surface stained with 0.1 ug PE-CL594 Plus Anti-Rat CD4 Rabbit RecAb (PCL594-FcA98252, Clone:241955C11) or FcZero-rAb™ PE-CoraLite® Plus 594 Rabbit IgG Isotype Control Recombinant Antibody (PCL594-FcA98136, Clone: 240953C9). Cells were not fixed.



1x10⁶ rat splenocytes were surface stained with 0.1 ug PE-CL594 Plus Anti-Rat CD4 Rabbit RecAb (PCL594-FcA98252, Clone: 241955C11) (red) or FcZero-rAb™ PE-CoraLite® Plus 594 Rabbit IgG Isotype Control Recombinant Antibody (PCL594-FcA98136, Clone: 240953C9) (blue). Cells were not fixed.