

For Research Use Only

FcZero-rAb™ PE-CorLite® Plus 594 Anti-Human CD4 (OKT4) Rabbit IgG Recombinant Antibody

Catalog Number: PCL594-FcA65603



Basic Information

Catalog Number:
PCL594-FcA65603

Concentration:
100 tests, 5 µl/test

Source:
Rabbit

Isotype:
IgG

GenBank Accession Number:
BC025782

GeneID (NCBI):
920

ENSEMBL Gene ID:
ENSG00000010610

UNIPROT ID:
P01730

Full Name:
CD4 molecule

Calculated MW:
55 kDa

Purification Method:
Protein A purification

CloneNo.:
OKT4

Recommended Dilutions:
FC: 5 µl per 10⁶ cells in a 100 µl suspension

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

Applications

Tested Applications:
FC

Species Specificity:
human

Positive Controls:

FC : human PBMCs,

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:

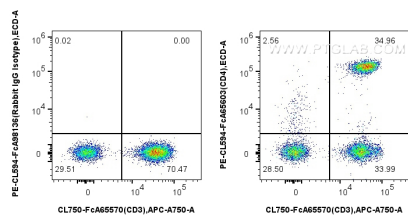
T: 4006900926

E: Proteintech-CN@ptglab.com

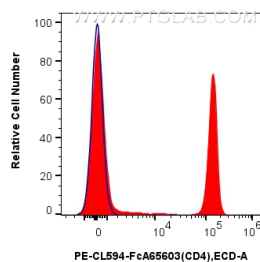
W: ptgcn.com

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

Selected Validation Data



1x10⁶ human PBMCs were surface stained with FcZero-rAb™ CoraLite® Plus 750 Anti-Human CD3 (UCHT1), and 5 ul PE-CL594 Plus Anti-Human CD4 (OKT4) Rabbit IgG RecAb (PCL594-FcA65603, Clone:OKT4) or FcZero-rAb™ PE-CoraLite® Plus 594 Rabbit IgG Isotype Control Recombinant Antibody (PCL594-FcA98136, Clone: 240953C9). Cells were not fixed. Lymphocytes were gated.



1x10⁶ human PBMCs were surface stained with 5 ul PE-CL594 Plus Anti-Human CD4 (OKT4) Rabbit IgG RecAb (PCL594-FcA65603, Clone:OKT4) (red) or FcZero-rAb™ CoraLite® Plus 750 Anti-Human CD3 (UCHT1) Rabbit IgG Recombinant Antibody (CL750-FcA65570, Clone: UCHT1) (blue). Cells were not fixed. Lymphocytes were gated.