For Research Use Only

FcZero-rAb™ PerCP-Cyanine5.5 Anti-Human CD4 Rabbit Recombinant Antibody



Catalog Number: CPY5-FcA98042

Basic Information

Catalog Number: GenBank Accession Number: CPY5-FcA98042 BC025782

Concentration: GeneID (NCBI):

100tests, 5 ul/test 920 240427E12

 Source:
 ENSEMBL Gene ID:

 Rabbit
 ENSG0000010610

 Isotype:
 UNIPROT ID:

IgG P01730
Immunogen Catalog Number: Full Name:

60333 CD4 molecule

Calculated MW: 55 kDa Purification Method:

Protein A purification

CloneNo.:

Recommended Dilutions:

FC: 5 ul per 10^6 cells in a 100 μ l

suspension

Excitation/Emission maxima

wavelengths: 482 nm / 690nm

Applications

Tested Applications:

FC

Species Specificity:

human, monkey, non-human primates

Positive Controls:

FC: human PBMCs,

Background Information

CD4 is a 55-kDa transmembrane glycoprotein expressed on T helper cells, the 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).

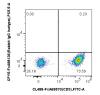
Storage

Storage:

Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

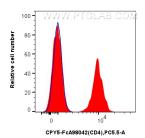
PBS with 0.09% sodium azide and 0.5% BSA, pH7.3

Selected Validation Data





1x10^6 human PBMCs were surface stained with FcZero-rAb™ CoraLite® Plus 488 Anti-Human CD3, and 5 ul PerCP-Cyanine5.5 Anti-Human CD4 Rabbit RecAb (CPY5-FcA98042, Clone: 240427E12) or FcZero-rAb™ PerCP-Cyanine5.5 Rabbit IgG Isotype Control Recombinant Antibody (CPY5-FcA98136, Clone: 240953C9). Cells were incubated with MonoZero™ Monocytes blocking Reagent(PF00020) prior to staining. Cells were not fixed. Lymphocytes were gated.



1x10^6 human PBMCs were surface stained with 5 ul PerCP-Cyanine5.5 Anti-Human CD4 Rabbit RecAb (CPY5-FcA98042, Clone: 240427E12) (red) or FcZero-rAb™ PerCP-Cyanine5.5 Rabbit 1gG Isotype Control Recombinant Antibody (CPY5-FcA98136, Clone: 240953C9) (blue). Cells were incubated with MonoZero™ Monocytes blocking Reagent(PF00020) prior to staining. Cells were not fixed. Lymphocytes were gated.