

For Research Use Only

FcZero-rAb™ PE Anti-Rat CD4 Rabbit Recombinant Antibody

Catalog Number: PE-FcA98252



Basic Information

Catalog Number:

PE-FcA98252

Size:

100ug , 200 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_012705.1

GeneID (NCBI):

24932

Full Name:

Cd4 molecule

Calculated MW:

51kDa

Purification Method:

Protein A purification

CloneNo.:

241955C11

Excitation/Emission maxima wavelengths:

496 nm, 565 nm / 578 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:

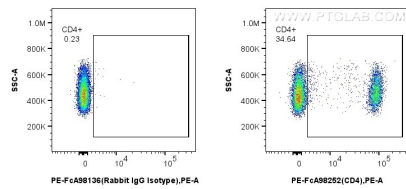
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ rat splenocytes were surface stained with 0.25 ug PE Anti-Rat CD4 Rabbit RecAb (PE-FcA98252, Clone: 24195C11), or PE Rabbit IgG Isotype Control RecAb (PE-FcA98136, Clone: 240953C9). Cells were not fixed.