

For Research Use Only

# FcZero-rAb™ PE Anti-Mouse CD4 (RM4-4) Rabbit IgG Recombinant Antibody

Catalog Number: PE-FcA65655



## Basic Information

Catalog Number:

PE-FcA65655

Concentration:

100ug, 200 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC039137

GeneID (NCBI):

12504

Full Name:

CD4 antigen

Purification Method:

Protein A purification

CloneNo.:

RM4-4

Excitation/Emission maxima wavelengths:

496 nm, 565 nm / 578 nm

## Applications

Tested Applications:

FC

Species Specificity:

mouse

## 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.

For technical support and original validation data for this product please contact:

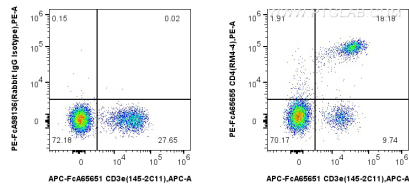
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://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<sup>6</sup> mouse splenocytes were surface stained with APC Anti-Mouse CD3e, and 0.25 ug PE Anti-Mouse CD4 (RM4-4) Rabbit IgG RecAb (PE-FcA65655, Clone: RM4-4) or 0.25 ug PE Rabbit IgG Isotype Control RecAb (PE-FcA98136, Clone: 240953C9). Cells were not fixed.