

For Research Use Only

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

Catalog Number: CP-FcA65655



Basic Information

Catalog Number:
CP-FcA65655

Size:
100ug, 200 ug/ml

Source:
Rabbit

Isotype:
IgG

GenBank Accession Number:
BC039137

GeneID (NCBI):
12504

UNIPROT ID:
P06332

Full Name:
CD4 antigen

Purification Method:
Protein A purification

CloneNo.:
RM4-4

Recommended Dilutions:
FC: 0.25 ug per 10⁶ cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:
482 nm / 677 nm

Applications

Tested Applications:
FC

Species Specificity:
mouse

Positive Controls:

FC : mouse 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

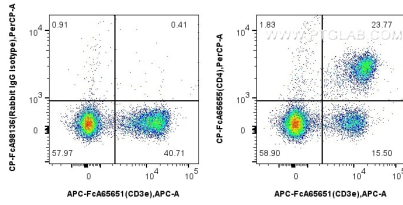
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

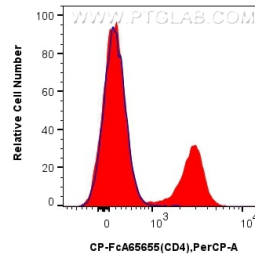
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



1x10⁶ mouse splenocytes were surface stained with FcZero-rAb™ APC Anti-Mouse CD3e (145-2C11), and 0.25 ug PerCP Anti-Mouse CD4 (RM4-4) Rabbit IgG RecAb (CP-FcA65655, Clone: RM4-4) or 0.25 ug FcZero-rAb™ PerCP Rabbit IgG Isotype Control Recombinant Antibody (CP-FcA98136, Clone: 240953C9). Cells were not fixed.



1x10⁶ mouse splenocytes were surface stained with 0.25 ug PerCP Anti-Mouse CD4 (RM4-4) Rabbit IgG RecAb (CP-FcA65655, Clone: RM4-4) (red) or FcZero-rAb™ PerCP Rabbit IgG Isotype Control Recombinant Antibody (CP-FcA98136, Clone: 240953C9) (blue). Cells were not fixed.