

For Research Use Only

# APC Anti-Mouse CD4 (RM4-5)

Catalog Number: APC-65141



## Basic Information

Catalog Number:

APC-65141

Size:

100ug, 0.2 mg/ml

Source:

Rat

Isotype:

IgG2a, kappa

GenBank Accession Number:

BC039137

GeneID (NCBI):

12504

UNIPROT ID:

P06332

Full Name:

CD4 antigen

Purification Method:

Affinity purification

CloneNo.:

RM4-5

Excitation/Emission maxima  
wavelengths:

650 nm / 660 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.

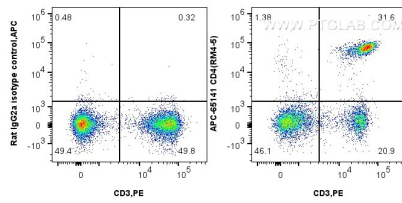
For technical support and original validation data for this product please contact:

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## Selected Validation Data



1X10<sup>6</sup> mouse splenocytes were surface stained with 0.1 ug APC Anti-Mouse CD4 (APC-65141, Clone:RM4-5) or 0.1 ug APC Rat IgG2a Isotype Control (2A3) (APC-65209, Clone: 2A3), and 0.1 ug PE Anti-Mouse CD3 (17A2) (PE-65077, Clone: 17A2). Cells were not fixed.