

For Research Use Only

# Anti-Mouse CD4 (RM4-5)

Catalog Number: 65141-1-Ig



## Basic Information

Catalog Number:

65141-1-Ig

Size:

100ug, 500 µg/ml

Source:

Rat

Isotype:

IgG2a, kappa

GenBank Accession Number:

BC039137

GeneID (NCBI):

12504

Full Name:

CD4 antigen

Purification Method:

Protein A purification

CloneNo.:

RM4-5

## 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. Stable for one year after shipment.

Storage Buffer:

PBS with 0.1% sodium azide, pH 7.3.

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

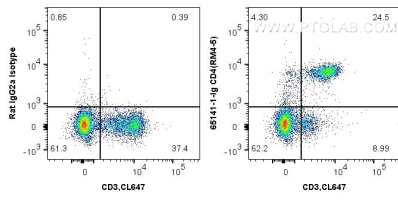
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## Selected Validation Data



1X10<sup>6</sup> mouse splenocytes were surface co-stained with CoraLite® Plus 647 Anti-Mouse CD3, and 0.2 ug Anti-Mouse CD4 (65141-1-Ig, Clone:RM4-5) and FITC-Goat anti-Mouse IgG at dilution 1:100 or 0.2 ug Isotype Control and FITC-Goat anti-Mouse IgG at dilution 1:100. Cells were not fixed.