

For Research Use Only

# CoraLite® Plus 488 Anti-Mouse CD4 (RM4-4)



Catalog Number: **CL488-65199**

## Basic Information

Catalog Number:

CL488-65199

Size:

100ug, 0.5 mg/ml

Source:

Rat

Isotype:

IgG2b, kappa

GenBank Accession Number:

BC039137

GeneID (NCBI):

12504

UNIPROT ID:

P06332

Full Name:

CD4 antigen

Purification Method:

Protein A purification

CloneNo.:

RM4-4

Excitation/Emission maxima wavelengths:

493 nm / 522 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.

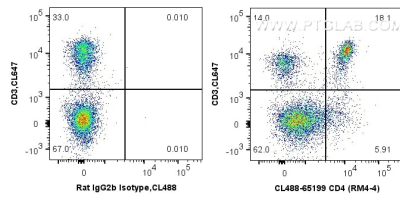
For technical support and original validation data for this product please contact:

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## Selected Validation Data



1X10<sup>6</sup> mouse splenocytes were surface co-stained with CoraLite® Plus 647 Anti-Mouse CD3 (17A2) and 0.5 ug CoraLite® Plus 488 Anti-Mouse CD4 (CL488-65199, Clone:RM4-4) or 0.5 ug Isotype Control. Cells were not fixed.