

For Research Use Only

# CoraLite® Plus 750 Anti-Mouse CD4 (RM4-4)



Catalog Number: **CL750-65199**

## Basic Information

<b>Catalog Number:</b> CL750-65199	<b>GenBank Accession Number:</b> BC039137	<b>Purification Method:</b> Affinity purification
<b>Size:</b> 100ug, 500 µg/ml	<b>GeneID (NCBI):</b> 12504	<b>CloneNo.:</b> RM4-4
<b>Source:</b> Rat	<b>UNIPROT ID:</b> P06332	<b>Excitation/Emission maxima wavelengths:</b> 755 nm / 780 nm
<b>Isotype:</b> IgG2b, kappa	<b>Full Name:</b> CD4 antigen	

## 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:

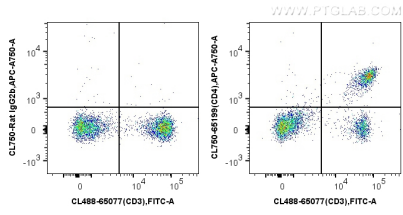
T: 4006900926

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 CoraLite®488 Plus Anti-Mouse CD3 (17A2) (CL488-65077, Clone: 17A2) and 0.5 ug CoraLite® Plus 750 Anti-Mouse CD4 (CL750-65199, Clone: RM4-4) or 0.5 ug isotype control. Cells were not fixed.