

For Research Use Only

# CoraLite® Plus 555 Anti-Mouse CD4 (GK1.5)



Catalog Number: **CL555-65104**

## Basic Information

Catalog Number:

CL555-65104

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:

Affinity purification

CloneNo.:

GK1.5

Excitation/Emission maxima wavelengths:

554 nm / 570 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.

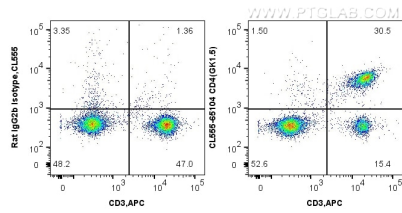
For technical support and original validation data for this product please contact:

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

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.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 co-stained with APC Anti-Mouse CD3 and 0.5 ug Coralite® Plus 555 Anti-Mouse CD4 (CL555-65104, Clone: GK1.5) or 0.5 ug Isotype Control. Cells were not fixed.