

For Research Use Only

# PE-CoraLite® Plus 594 Anti-Mouse CD4 (GK1.5) Rat Recombinant Antibody

Catalog Number: PCL594-65662



## Basic Information

Catalog Number:  
PCL594-65662

Size:  
100ug, 200 ug/ml

Source:  
Rat

Isotype:  
IgG2a

GenBank Accession Number:  
BC039137

GeneID (NCBI):  
12504

UNIPROT ID:  
P06332

Full Name:  
CD4 antigen

Purification Method:  
Protein A purification

CloneNo.:  
GK1.5

Recommended Dilutions:  
FC: 0.1 ug per 10<sup>6</sup> cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:  
496 nm, 565 nm / 604 nm

## Applications

Tested Applications:  
FC

Species Specificity:  
mouse

Positive Controls:

FC : mouse splenocytes,

## 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, pH7.3

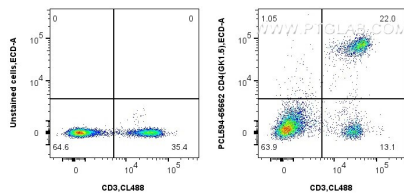
For technical support and original validation data for this product please contact:

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

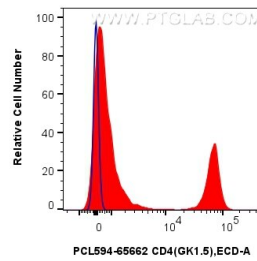
E: proteintech@ptglab.com  
W: ptglab.com

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 stained with CoraLite® Plus 488 Anti-Mouse CD3, and 0.1 ug PE-CoraLite® Plus 594 Anti-Mouse CD4 (GK1.5) Rat RecAb (PCL594-65662, Clone: GK1.5) or unstained. Cells were not fixed.



1x10<sup>6</sup> mouse splenocytes were surface stained with 0.1 ug PE-CoraLite® Plus 594 Anti-Mouse CD4 (GK1.5) Rat RecAb (PCL594-65662, Clone: GK1.5) (red) or unstained (blue). Cells were not fixed.