

For Research Use Only

# PerCP-Cyanine5.5 Anti-Mouse CD4 (GK1.5)

Catalog Number:CPY5-65104



## Basic Information

Catalog Number:

CPY5-65104

Size:

100ug , 100 µg/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:

482 nm / 690 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 and 0.5% BSA.

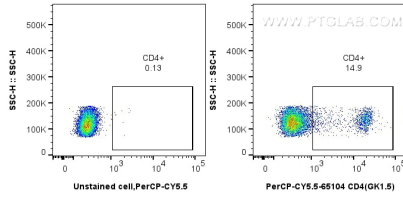
For technical support and original validation data for this product please contact:

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## Selected Validation Data



$1 \times 10^6$  mouse splenocytes were surface stained with 0.25  $\mu$ g PerCP-Cyanine5.5 Anti-Mouse CD4 (GK1.5) (CPY5-65104, Clone: GK1.5) or unstained. Cells were not fixed.