

For Research Use Only

# APC-Cyanine7 Anti-Mouse CD4 (GK1.5)

Catalog Number: AY7-65104



## Basic Information

Catalog Number:

AY7-65104

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:

650 nm / 778 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:

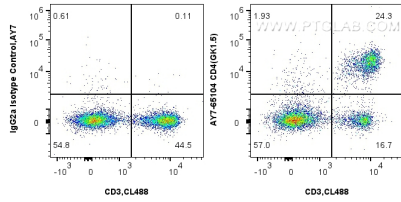
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W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



1x10<sup>6</sup> mouse splenocytes were surface stained with 0.125 ug APC-Cyanine7 Anti-Mouse CD4 (GK1.5) (AY7-65104, Clone: GK1.5) or 0.125 ug APC-Cyanine7 Rat IgG2b Isotype Control (LTF-2) (AY7-65211, Clone: LTF-2). Cells were co-stained with CoraLite® Plus 488 Anti-Mouse CD3 (17A2) (CL488-65077, Clone: 17A2). Cells were not fixed.