

For Research Use Only

# APC Anti-human CD4 (RPA-T4)

Catalog Number: APC-65143



## Basic Information

**Catalog Number:**

APC-65143

**Size:**

100tests, Concentration: 5  
µl(0.5µg)/test by Bradford method  
using BSA as the standard;

**Source:**

Mouse

**Isotype:**

IgG1

**GenBank Accession Number:**

BC025782

**GeneID (NCBI):**

920

**Full Name:**

CD4 molecule

**Calculated MW:**

55 kDa

**Purification Method:**

Affinity purification

**CloneNo.:**

RPA-T4

## Applications

**Tested Applications:**

FC

**Species Specificity:**

Human

## 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.

**Storage Buffer:**

Phosphate based buffer with 0.09% sodium azide and 0.1% gelatin, pH 7.2.

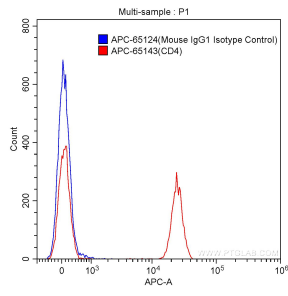
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## Selected Validation Data



1X10<sup>6</sup> human peripheral blood lymphocytes were surface stained with 0.5 ug APC-anti-human CD4 (APC-65143, clone RPA-T4) (red) or 0.5 ug APC-mouse IgG1 isotype control (blue). Samples were not fixed.