

For Research Use Only

# Anti-Human CD4 (RPA-T4)

Catalog Number: 65143-1-Ig **1 Publications**



## Basic Information

Catalog Number: 65143-1-Ig	GenBank Accession Number: BC025782	Purification Method: Affinity purification
Size: 100ug, 0.5 mg/ml	GeneID (NCBI): 920	CloneNo.: RPA-T4
Source: Mouse	Full Name: CD4 molecule	
Isotype: IgG1	Calculated MW: 55 kDa	

## Applications

Tested Applications:  
FC

Cited Applications:  
IF

Species Specificity:  
Human

Cited Species:  
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).

## Notable Publications

Author	Pubmed ID	Journal	Application
Lu Tan	35255541	Allergy Asthma Immunol Res	IF

## Storage

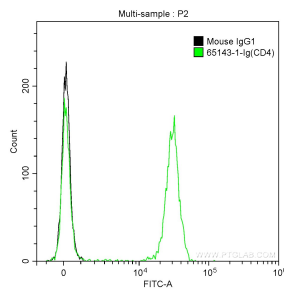
Storage:  
Store at 2-8°C.

Storage Buffer:  
Phosphate based buffer with 0.09% sodium azide, pH 7.2.

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## Selected Validation Data



1X10<sup>6</sup> human peripheral blood lymphocytes were surface stained with 1 ug Anti-Human CD4 (65143-1-Ig, Clone:RPA-T4) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (green), or stained with 1 ug isotype control antibody and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (black). Cells were not fixed.