

For Research Use Only

# Anti-Human CD4 (OKT4) Rabbit Recombinant Antibody



Catalog Number: 65505-1-RR

## Basic Information

<b>Catalog Number:</b> 65505-1-RR	<b>GenBank Accession Number:</b> BC025782	<b>Purification Method:</b> Affinity purification
<b>Size:</b> 100ug , 0.5 mg/ml	<b>GeneID (NCBI):</b> 920	<b>CloneNo.:</b> OKT4
<b>Source:</b> Rabbit	<b>Full Name:</b> CD4 molecule	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 55 kDa	

## 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

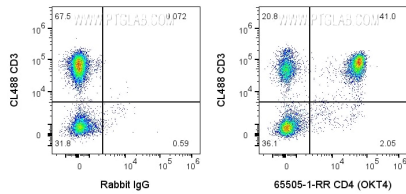
**Storage:**  
Store at 2-8°C. Stable for one year after shipment.

**Storage Buffer:**  
PBS with 0.09% sodium azide.

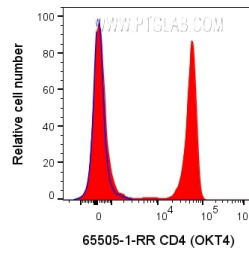
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

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> human PBMCs were surface stained with 0.1 ug Anti-Human CD4 Rabbit Recombinant Antibody (65505-1-RR, Clone:OKT4) or Rabbit IgG control PolyAb, and CoraLite®647-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000. Cells were then stained with CL488 Anti-Human CD3. Cells were not fixed. Lymphocytes were gated.



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