

For Research Use Only

# FITC Plus Anti-Human CD4 (OKT4)

Catalog Number: FITC-65134 1 Publications



## Basic Information

<b>Catalog Number:</b> FITC-65134	<b>GenBank Accession Number:</b> BC025782	<b>Purification Method:</b> Affinity purification
<b>Size:</b> 100tests , 5 µl/test	<b>GeneID (NCBI):</b> 920	<b>CloneNo.:</b> OKT4
<b>Source:</b> Mouse	<b>Full Name:</b> CD4 molecule	<b>Excitation/Emission maxima wavelengths:</b> 494 nm / 520 nm
<b>Isotype:</b> IgG2b, kappa	<b>Calculated MW:</b> 55 kDa	

## Applications

**Tested Applications:**  
FC

**Cited 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).

## Notable Publications

Author	Pubmed ID	Journal	Application
Guopin Pan	35131482	Pharmacol Res	FC

## Storage

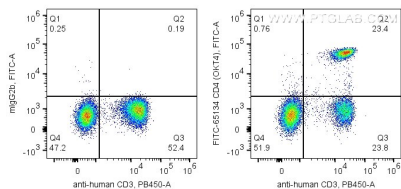
**Storage:**  
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

**Storage Buffer:**  
PBS with 0.09% sodium azide and 0.5% BSA, pH 7.3.

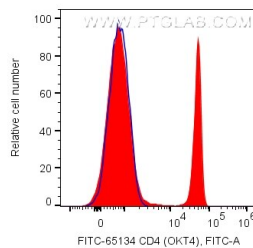
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
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## Selected Validation Data



1X10<sup>6</sup> human PBMCs were surface co-stained with Anti-Human CD3 and 5 ul FITC Plus Anti-Human CD4 (FITC-65134, Clone:OKT4), or 5 ul Mouse IgG2b Isotype Control. Cells were not fixed. Lymphocytes were gated.



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