

For Research Use Only

CoraLite® Plus 647 Anti-Human CD4 (OKT4)



Catalog Number: **CL647-65134**

Basic Information

Catalog Number: CL647-65134	GenBank Accession Number: BC025782	Purification Method: Affinity purification
Size: 100tests , 5 µl/test	GeneID (NCBI): 920	CloneNo.: OKT4
Source: Mouse	Full Name: CD4 molecule	Excitation/Emission maxima wavelengths: 650 nm / 665 nm
Isotype: IgG2b, kappa	Calculated MW: 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

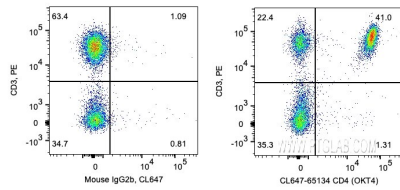
Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:
PBS with 0.1% sodium azide and 0.5% BSA, pH 7.3.

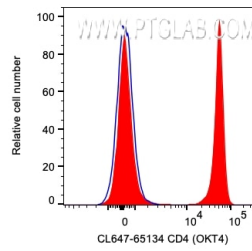
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1X10⁶ human PBMCs were surface co-stained with PE Anti-Human CD3 and 5 ul CoraLite® Plus 647 Anti-Human CD4 (CL647-65134, Clone:OKT4) or Mouse IgG2b Isotype Control. Cells were not fixed. Lymphocytes were gated.



1X10⁶ human PBMCs were surface stained with 5 ul CoraLite® Plus 647 Anti-Human CD4 (CL647-65134, Clone:OKT4) or Mouse IgG2b Isotype Control. Cells were not fixed. Lymphocytes were gated.