

For Research Use Only

CoraLite® Plus 405 Anti-Human CD4 (OKT4)



Catalog Number: **CL405-65134**

Basic Information

Catalog Number: CL405-65134	GenBank Accession Number: BC025782	Purification Method: Affinity purification
Size: 100tests, 5 µl/test	GeneID (NCBI): 920	CloneNo.: OKT4
Source: Mouse	ENSEMBL Gene ID: ENSG00000010610	Excitation/Emission maxima wavelengths: 399 nm / 422 nm
Isotype: IgG2b	UNIPROT ID: P01730	
	Full Name: CD4 molecule	
	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 0.09% sodium azide and 0.5% BSA.

For technical support and original validation data for this product please contact:

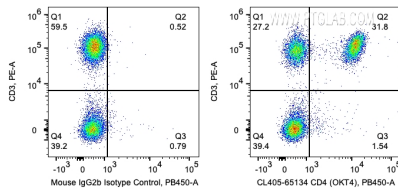
T: 4006900926

E: Proteintech-CN@ptglab.com

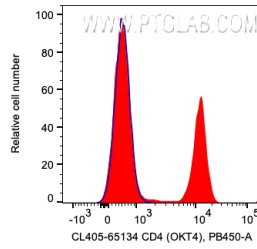
W: ptgcn.com

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Selected Validation Data



1X10⁶ human PBMCs were surface co-stained with PE Anti-Human CD3 and 5 ul CoraLite® Plus 405 Anti-Human CD4 (CL405-65134, Clone:OKT4) or Mouse IgG2b Isotype Control. Cells were not fixed. Lymphocytes were gated.



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