

For Research Use Only

PE Anti-Human CD4 (OKT4)

Catalog Number: PE-65134 **1 Publications**



Basic Information

Catalog Number: PE-65134	GenBank Accession Number: BC025782	Purification Method: Affinity purification
Size: 100 tests, 5 µl / test	GeneID (NCBI): 920	CloneNo.: OKT4
Source: Mouse	ENSEMBL Gene ID: ENSG00000010610	Excitation/Emission maxima wavelengths: 496 nm, 565 nm / 578 nm
Isotype: IgG2b, kappa	UNIPROT ID: P01730	
	Full Name: CD4 molecule	
	Calculated MW: 55 kDa	

Applications

Tested Applications:
FC

Cited Applications:
FC (Intra)

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
Xiang Li	39382426	Cardiovasc Res	FC (Intra)

Storage

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

Storage Buffer:
Phosphate based buffer with 0.09% sodium azide and 0.1% gelatin, pH 7.2.

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

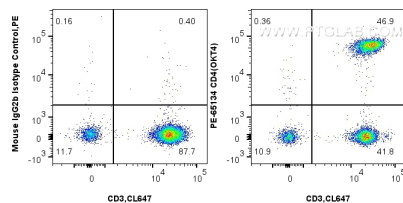
T: 4006900926

E: Proteintech-CN@ptglab.com

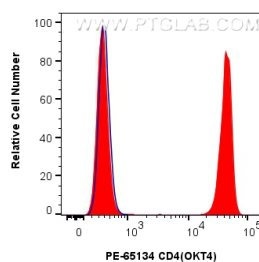
W: ptgcn.com

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Selected Validation Data



1x10⁶ human PBMCs were surface stained with 5 ul PE Anti-Human CD4 (OKT4) (PE-65134, Clone: OKT4) or PE Mouse IgG2b Isotype Control (MPC-11) (PE-65128, Clone: MPC-11), and 5 ul CoraLite® Plus 647 Anti-Human CD3 (UCHT1) (CL647-65151, Clone: UCHT1). Cells were not fixed.



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