

For Research Use Only

Anti-Human CD4 (RPA-T4)

Catalog Number: 65143-1-Ig 1 Publications



Basic Information

Catalog Number:	65143-1-Ig	GenBank Accession Number:	BC025782	Purification Method:	Affinity purification
Size:	500ug, 0.5 mg/ml	GeneID (NCBI):	920	CloneNo.:	RPA-T4
Source:	Mouse	ENSEMBL Gene ID:	ENSG00000010610		
Isotype:	IgG1, kappa	UNIPROT ID:	P01730		
		Full Name:	CD4 molecule		
		Calculated MW:	55 kDa		

Applications

Tested Applications:
FC

Cited Applications:
IF

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
Lu Tan	35255541	Allergy Asthma Immunol Res	IF

Storage

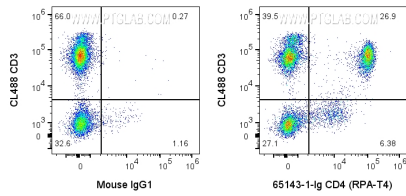
Storage:
Store at 2-8°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.09% sodium azide.

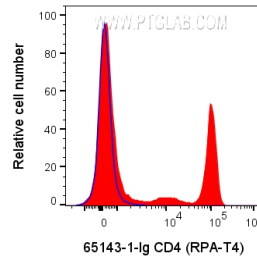
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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 stained with 0.2 ug Anti-Human CD4 (65143-1-Ig, Clone:RPA-T4) or Mouse IgG1 Isotype Control and Multi-rAb CoraLite[®] Plus 647-Goat Anti-Mouse Recombinant Secondary Antibody (H+L) (RGAM005) at dilution 1:1000. Cells were then stained with CL488-conjugated Anti-Human CD3 (CL488-65151). Cells were not fixed. Lymphocytes were gated.



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