

For Research Use Only

# FcZero-rAb™ CoraLite® Plus 555 Anti-Human CD4 Rabbit Recombinant Antibody

Catalog Number: CL555-FcA98042



## Basic Information

Catalog Number:	CL555-FcA98042	GenBank Accession Number:	BC025782	Purification Method:	Protein A purification
Size:	100 tests, 5 µl/test	GeneID (NCBI):	920	Clone No.:	240427E12
Source:	Rabbit	ENSEMBL Gene ID:	ENSG00000010610	Recommended Dilutions:	FC: 5 µl per 10 <sup>6</sup> cells in a 100 µl suspension
Isotype:	IgG	UNIPROT ID:	P01730	Excitation/Emission maxima wavelengths:	557 nm / 570 nm
Immunogen Catalog Number:	EG0333	Full Name:	CD4 molecule		
		Calculated MW:	55 kDa		

## Applications

Tested Applications:	Positive Controls:
FC	FC: human PBMCs,

Species Specificity: human, monkey, non-human primates

## Background Information

CD4 is a 55-kDa transmembrane glycoprotein expressed on T helper cells, the 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

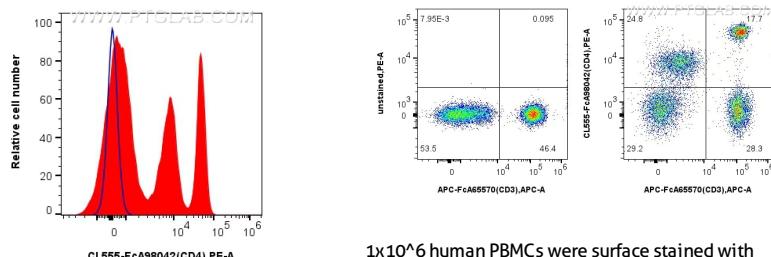
Storage: Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.  
Storage Buffer: PBS with 0.09% sodium azide and 0.5% BSA, pH7.3

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



1x10<sup>6</sup> human PBMCs were surface stained with 5 ul Coralite@555 Anti-Human CD4 Rabbit RecAb (CL555-FcA98042, Clone:240427E12) (red), or unstained cells (blue) . Cells were not fixed.

1x10<sup>6</sup> human PBMCs were surface stained with APC Anti-Human CD3 (UCHT1) and 5 ul Coralite@555 Anti-Human CD4 Rabbit RecAb (CL555-FcA98042, Clone:240427E12), or unstained cells. Cells were not fixed.