

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:	Purification Method:
Concentration:	100 tests, 5 μ l/test	GenID (NCBI):	Protein A purification
Source:	Rabbit	ENSEMBL Gene ID:	CloneNo.:
Isotype:	IgG	UNIPROT ID:	240427E12
Immunogen Catalog Number:	EG0333	Full Name:	Recommended Dilutions:
		CD4 molecule	FC: 5 μ l per 10^6 cells in a 100 μ l suspension
		Calculated MW:	Excitation/Emission maxima wavelengths:
		55 kDa	557 nm / 570 nm

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:

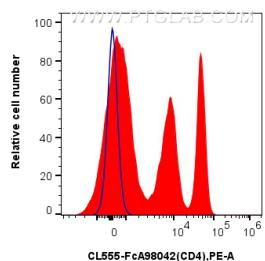
T: 4006900926

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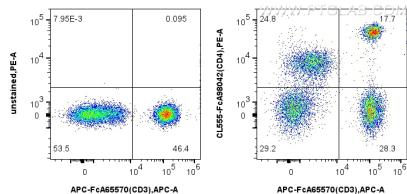
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Selected Validation Data



1x10⁶ 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.



1x10⁶ 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.