

For Research Use Only

FITC Plus Anti-Human CD4 (RPA-T4)

Catalog Number: **FITC-65143**



Basic Information

Catalog Number: FITC-65143	GenBank Accession Number: BC025782	Purification Method: Affinity purification
Size: 100tests , 5 µl/test	GeneID (NCBI): 920	CloneNo.: RPA-T4
Source: Mouse	Full Name: CD4 molecule	Excitation/Emission maxima wavelengths: 495 nm / 524 nm
Isotype: IgG1, kappa	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

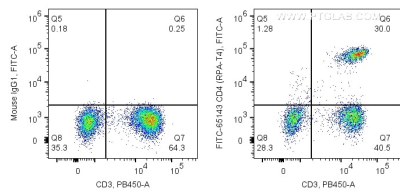
Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

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: 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

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Selected Validation Data



1X10⁶ human PBMCs were surface co-stained with Anti-Human CD3 (PB450) and 5 ul FITC Anti-Human CD4 (FITC-65143, Clone: RPA-T4) (right), or Mouse IgG1 Isotype Control (left). Cells were not fixed. Lymphocytes were gated.