

For Research Use Only

PE Anti-Human CD4 (RPA-T4)

Catalog Number: **PE-65143**



Basic Information

| | | |
|--------------------------------------|--|---|
| Catalog Number: PE-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: 496 nm, 565 nm / 578 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

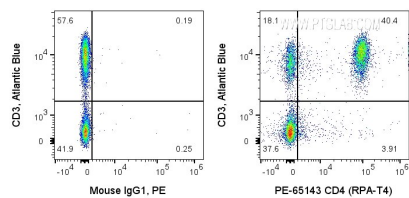
Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:
PBS with 0.09% sodium azide and 0.5% BSA.

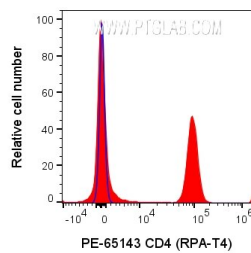
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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Selected Validation Data



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



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