

For Research Use Only

PE Anti-human CD4 (RPA-T4)

Catalog Number: PE-65143



Basic Information

Catalog Number:

PE-65143

Size:

100tests, Concentration: 5
µl(0.5µg)/test by Bradford method
using BSA as the standard;

Source:

Mouse

Isotype:

IgG1

GenBank Accession Number:

BC025782

GeneID (NCBI):

920

Full Name:

CD4 molecule

Calculated MW:

55 kDa

Purification Method:

Affinity purification

CloneNo.:

RPA-T4

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.

Storage Buffer:

Phosphate based buffer with 0.09% sodium azide and 0.1% gelatin, pH 7.2.

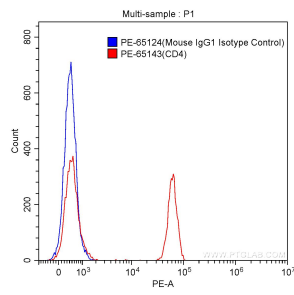
For technical support and original validation data for this product please contact:

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



1X10⁶ human peripheral blood lymphocytes were surface stained with 0.5 ug PE-anti-human CD4 (PE-65143, clone RPA-T4) (red) or 0.5 ug PE-mouse IgG1 isotype control (blue). Samples were not fixed.