

For Research Use Only

PE Anti-Human CD4 (SK3)

Catalog Number: PE-65147



Basic Information

Catalog Number: PE-65147	GenBank Accession Number: BC025782	Purification Method: Affinity purification
Size: 100tests , 5 ul/test	GeneID (NCBI): 920	CloneNo.: SK3
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

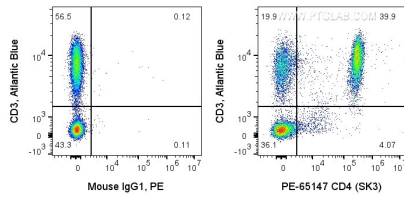
Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

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

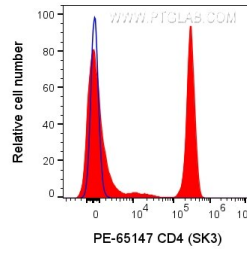
For technical support and original validation data for this product please contact:
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Selected Validation Data



1X10⁶ human PBMCs were surface co-stained with Atlantic Blue™ Anti-Human CD3 and 5 ul PE Anti-Human CD4 (PE-65147, Clone:SK3) or Mouse IgG1 Isotype Control. Cells were not fixed. Lymphocytes were gated.



1X10⁶ human PBMCs were surface stained with 5 ul PE Anti-Human CD4 (PE-65147, Clone:SK3) (red), or Mouse IgG1 Isotype Control. Cells were not fixed. Lymphocytes were gated.