

For Research Use Only

PE Anti-human CD4 (OKT4)

Catalog Number: PE-65134



Basic Information

Catalog Number:

PE-65134

Size:

100tests, Concentration: 5
µl(0.06µg)/test by Bradford method
using BSA as the standard;

Source:

Mouse

Isotype:

IgG2b

GenBank Accession Number:

BC025782

GeneID (NCBI):

920

Full Name:

CD4 molecule

Calculated MW:

55 kDa

Purification Method:

Affinity purification

CloneNo.:

OKT4

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.

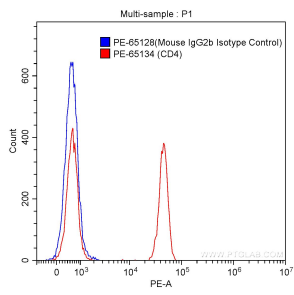
For technical support and original validation data for this product please contact:

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Selected Validation Data



1×10^6 human peripheral blood lymphocytes were surface stained with 0.06 μ g PE-anti-human CD4 (PE-65134, clone OKT4) (red) or 0.06 μ g PE-mouse IgG2b isotype control (blue). Samples were not fixed.