For Research Use Only

Anti-Human CD4 (SK3)

Catalog Number: 65147-1-Ig



Basic Information

Catalog Number:

65147-1-lg

Size:

Mouse

100ug, 0.5 mg/mL

Source:

Isotype: IgG1, kappa

GenBank Accession Number:

BC025782 GeneID (NCBI):

920

ENSEMBL Gene ID: ENSG0000010610

Full Name: CD4 molecule Calculated MW:

55 kDa

Purification Method: Affinity purification

CloneNo.: SK3

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

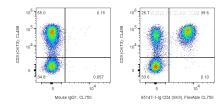
Storage:

Store at 2-8°C. Stable for one year after shipment.

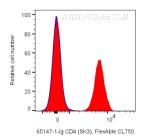
Storage Buffer

PBS with 0.09% sodium azide.

Selected Validation Data



1X10^6 human PBMCs were surface stained with CoraLite® Plus 488 Anti-Human CD3 and 0.2 ug Anti-Human CD4 (65147-1-lg, Clone:SK3) labeled with FlexAble CoraLite® Plus 750 Antibody Labeling Kit for Mouse IgG1 (KFA024) (right), or Mouse IgG1 Isotype Control (left). Cells were not fixed. Lymphocytes were gated.



1X10^6 human PBMCs were surface stained with 0.2 ug Anti-Human CD4 (65147-1-1g, Clone:SK3) labeled with FlexAble Coralite® Plus 750 Antibody Labeling Kit for Mouse IgG1 (KFA024) (red), or Mouse IgG1 Isotype Control (blue). Cells were not fixed. Lymphocytes were gated.