For Research Use Only

CoraLite® Plus 405 Anti-Human CD4 (SK3)



Catalog Number: CL405-65147

Basic Information

Catalog Number:

CL405-65147

Size:

100tests, 5 $\,\mu$ l/test

Source: Mouse

Isotype: IgG1, kappa GenBank Accession Number:

BC025782 GeneID (NCBI):

920

ENSEMBL Gene ID: ENSG00000010610

Full Name:

CD4 molecule
Calculated MW:

55 kDa

Purification Method:

Affinity purification

CloneNo.:

Excitation/Emission maxima

wavelengths: 399 nm / 422 nm

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

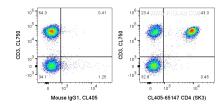
Storage:

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

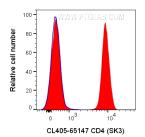
Storage Buffer

PBS with 0.09% sodium azide and 0.5% BSA.

Selected Validation Data



1X10^6 human PBMCs were surface co-stained with CL750 Anti-Human CD3 and 5 ul CoraLite® Plus 405 Anti-Human CD4 (CL405-65147, Clone:SK3), or CoraLite® Plus 405 Mouse IgG1 Isotype Control. Cells were not fixed. Lymphocytes were gated.



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