

For Research Use Only

CoraLite® Plus 594 Anti-Human CD4 (SK3)



Catalog Number: **CL594-65147**

Basic Information

Catalog Number:

CL594-65147

Size:

100tests , 5 ul/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.:

SK3

Excitation/Emission maxima wavelengths:

594 nm / 615 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.

Storage Buffer:

PBS with 0.09% sodium azide and 0.5% BSA.

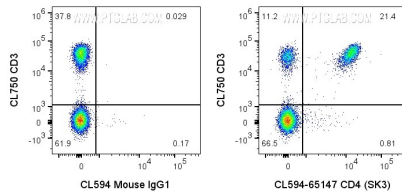
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

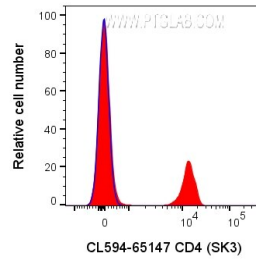
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ human PBMCs were surface stained with CL750 Anti-Human CD3 and 5 ul CoraLite® Plus 594 Anti-Human CD4 (CL594-65147, Clone: SK3) or CoraLite®594 Mouse IgG1 Isotype Control. Cells were not fixed. Lymphocytes were gated.



1x10⁶ human PBMCs were surface stained with 5 ul CoraLite® Plus 594 Anti-Human CD4 (CL594-65147, Clone: SK3) (red) or CoraLite®594 Mouse IgG1 Isotype Control (blue). Cells were not fixed. Lymphocytes were gated.