For Research Use Only

FITC Plus Anti-Human CD4 (SK3)

Catalog Number:FITC-65147 1 Publications

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
FITC-65147

Concentration:
100tests, 5 μl/test

Source:
Mouse

Isotype:
IgG1, kappa

GenBank Accession Number:
BC025782

GeneID (NCBI):
920

ENSEMBL Gene ID:
ENSG00000010610

UNIPROT ID:
P01730

Full Name:
CD4 molecule

Calculated MW:
51 kDa

Purification Method:
Affinity purification

CloneNo.:
SK3

Recommended Dilutions:
FC: 5 ul per 10^6 cells in 100 μl suspension

Excitation/Emission maxima wavelengths:
495 nm / 524 nm

Applications

Tested Applications:
FC

Cited Applications:
IF

Species Specificity:
Human

Cited Species:
human

Positive Controls:

FC : human PBMCs,

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).

Notable Publications

Author	Pubmed ID	Journal	Application
Xinan Zhang	42810811	J Immunother Cancer	IF

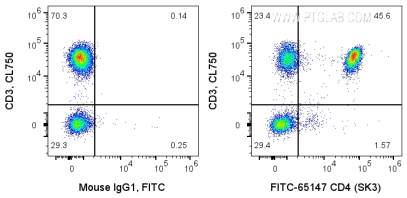
Storage

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, pH7.3

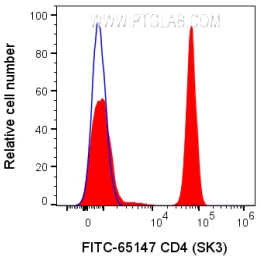
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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

Selected Validation Data



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



1X10^6 human PBMCs were surface stained with 5 ul FITC Anti-Human CD4 (FITC-65147, Clone:SK3), or Mouse IgG1 Isotype Control. Cells were not fixed. Lymphocytes were gated.