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APC Anti-Human CD4 (SK3)

Product Number: ATB0035

Shipping and 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.

Component

Component	ATB0035-25T	ATB0035-100T
APC Anti-Human CD4 (SK3)	25T	100T

Description

CD4 is a 55-kDa transmembrane glycoprotein expressed on T helper cells, majority of thymocytes, monocytes, macrophages, and dendritic cell. 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. CD4 serves as a receptor for the human immunodeficiency virus (HIV).

Basic Information

1. Concentration: 100tests, 5μL/test
2. Source: Mouse
3. Isotype: IgG1, kappa
4. GenBank Accession Number: BC025782
5. GeneID (NCBI): 920
6. ENSEMBL Gene ID: ENSG00000010610
7. UNIPROT ID: P01730
8. Full Name: CD4 molecule
9. Calculated MW: 55 kDa
10. Purification Method: Affinity purification
11. CloneNo.:SK3
12. Recommended Dilutions:FC: 5μL per 10^6 cells in 100μL suspension
13. Excitation/Emission maxima wavelengths:650nm / 660nm.

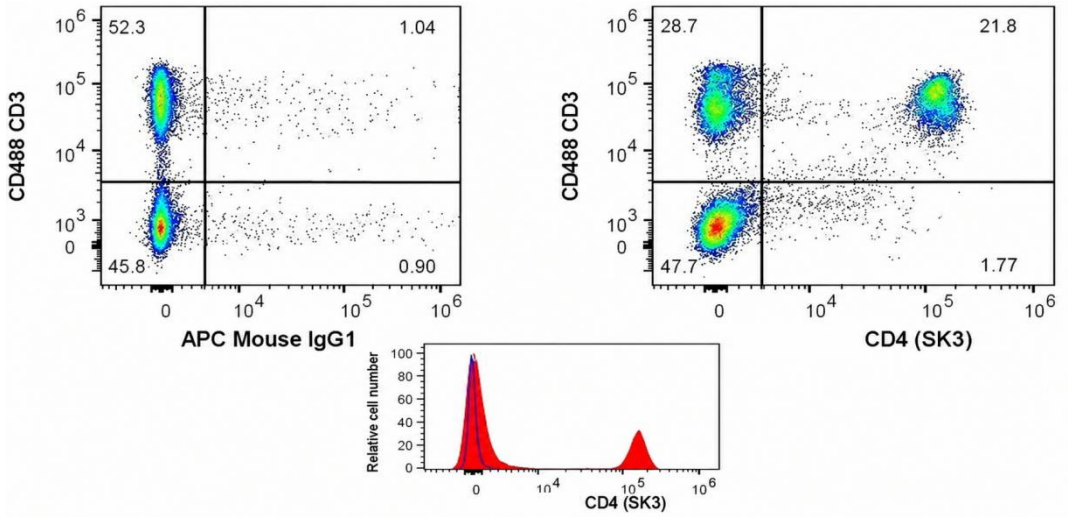
Application

1. Tested Applications: FC
2. Species Specificity: Human
3. Positive Controls: FC : human PBMCs

Selected Validation Data

1x10^6 human PBMCs were surface stained with 5μLAPC Anti-Human CD4 or Mouse IgG1 Isotype Control, and CL488-conjugated Anti-Human CD3. Cells were not fixed. Lymphocytes were gated.

1x10^6 human PBMCs were surface stained with 5μL APC Anti-Human CD4 or Mouse IgG1 Isotype Control. Cells were not fixed. Lymphocytes were gated.


52.3
1.04
45.8
0.90
CD488 CD3
APC Mouse IgG1
28.7
21.8
47.7
1.77
CD4 (SK3)
Relative cell number
CD4 (SK3)