

Antibody Data

Product SKU:	AGEL0399	Clone:	RPA-T4
Applications:	FCM		
Reactivity:	Human		

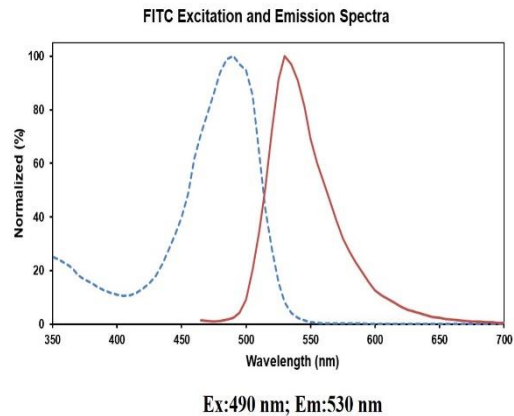
Important Note:

Centrifuge before opening to ensure complete recovery of vial contents.

Product Information:

Alternate Names: T-cell surface glycoprotein CD4;CD4;T-cell surface antigen T4/Leu-3;CD4;
Uniprot ID: P01730
Background: CD4, also known as T4/Leu-3, is a 55 kD single-chain type I transmembrane glycoprotein and member of the immunoglobulin superfamily. It is expressed on most thymocytes, helper T cells, type II NKT cells, and monocytes/macrophages. CD4 is part of the TCR/CD3 complex, binds to $\beta 2$ domain from the MHC class II molecule, and participates in TCR signal transduction. CD4 is the receptor of IL-16 and is a coreceptor for the human immunodeficiency virus (HIV) and human herpes virus 7 (HHV-7).

Form: Liquid
Conjugation: FITC
Size: 20 Tests, 100 Tests, 200 Tests
Host Species: Mouse
Isotype: Mouse IgG1, κ



Isotype Control: FITC Mouse IgG1, κ Isotype Control[MOPC-21] [Product AGEL0399]
Storage Buffer: Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.
Shipping: Biological ice pack at 4°C

Stability & Storage: Keep as concentrated solution. Store at 2~8°C and protected from prolonged exposure to light. Do not freeze. Centrifuge before opening to ensure complete recovery of vial contents. This product is guaranteed up to one year from purchase.

Recommended Usage: Each lot of this antibody is quality control tested by flow cytometric analysis. The amount of the reagent is suggested to be used 5 μ L of antibody per test (million cells in 100 μ L staining volume or per 100 μ L of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.