



Product Datasheet

Low Endotoxin Purified Anti-Human CD4 Antibody [RPA-T4]

Catalogue Code: AGEL1385

Antibody Data

Product SKU:	AGEL1385	Clone:	RPA-T4
Applications:	FCM;Block		
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:	None (AF/LE)
Size:	50µg, 500µg, 1mg
Host Species:	Mouse
Isotype:	Mouse IgG1, κ
Isotype Control:	AF/LE Purified Mouse IgG1, κ Isotype Control[MOPC-21] [Product AGEL1385]
Storage Buffer:	0.2 μ m filtered in PBS, pH 7.2. Azide Free (AF)/Low Endotoxin (LE): Contains no stabilizers or stabilizers. Endotoxin level is < 2 EU/mg as Determined by LAL gel clotting assay.
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. For flow cytometric staining, the suggested use of this reagent is $\leq 2.0 \mu\text{g}$ per 10^6 cells in 100 μL volume or 100 μL of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.
