AF/LE Purified Anti-Human CD4 Antibody[RPA-T4]

Catalog No. E-AB-F11090

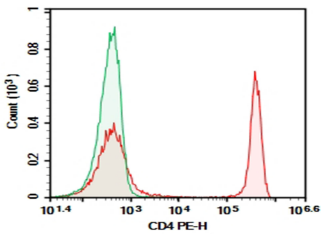
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity	Human
Immunogen	Recombinant Human CD4 protein
Host	Mouse
Isotype	Mouse IgG1, κ
Clone	RPA-T4
Purification	>98%, Protein A/G purified
Conjugation	Unconjugated
Buffer	Sterile PBS. < 1.0 EU per mg of the antibody as determined by the LAL method

Applications	Recommended Dilution
FCM	2 μg/mL(1×10^5-5×10^5 cells)

Data



Human peripheral blood lymphocytes were stained with 0.2 μg AF/LE Purified Anti-Human CD4 Antibody[RPA-T4](Right) and 0.2 μg Mouse IgG1, κ Isotype Control(Left), followed by PE-conjugated Goat Anti-Mouse IgG Secondary Antibody.

Preparation & Storage

Storage	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles. This preparation contains no preservatives, thus it should be handled under aseptic conditions.

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 β2 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).