

A Reliable Research Partner in Life Science and Medicine

Purified Anti-Human CD4 Antibody[Campath-9H(YNB46.1.8)]

catalog number: AN004420P

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

Description

Reactivity Human

Immunogen Recombinant Human CD4 protein

Host Rabbit lgG, κ

Clone Campath-9H(YNB46.1.8)

Purification >98%, Protein A/G purified

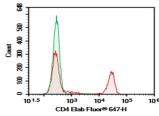
Buffer Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer.

Dialyze to completely remove the stabilizer prior to labeling.

Applications Recommended Dilution

FCM $2 \mu g/mL(0.5 \times 10^6 - 1 \times 10^6 \text{ cells})$

Data



Human peripheral blood lymphocytes were stained with 0.2 μ g Purified Anti-Human CD4 Antibody[Campath-9H(YNB46.1.8)] (Right) and 0.2 μ g Rabbit lgG1, κ Isotype

Control (Left), followed by Elab Fluor® 647-conjugated Goat Anti-Rabbit 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.

Shipping Ice bag

Background

CD4 is an approximately 55 kDa type I membrane glycoprotein that is expressed predominantly on most thymocytes and a subset of mature T lymphocytes. In humans, CD4 is also expressed to a lesser extent on monocytes and macrophage related cells. Human CD4 cDNA encodes a 458 amino acid (aa) residue precursor protein with a 25 aa residue signal peptide, a 371 aa residue extracellular region containing four immunoglobulin homology domains, a 24 aa residue transmembrane domain and a 38 aa residue cytoplasmic domain.

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