

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

Catalog Number: GF004420P

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

Description

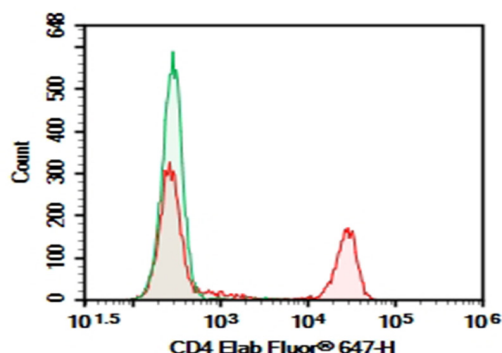
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|--------------|---|
| Reactivity | Human |
| Immunogen | Recombinant Human CD4 protein |
| Host | Rabbit |
| Isotype | Rabbit IgG, κ |
| Clone | Campath-9H(YNB46.1.8) |
| Purification | >98%, Protein A/G purified |
| Conjugation | Unconjugated |
| 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

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



Human peripheral blood lymphocytes were stained with 0.2 μg Purified Anti-Human CD4 Antibody[Campath-9H(YNB46.1.8)] (Right) and 0.2 μg Rabbit IgG1, κ Isotype

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

Preparation & Storage

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| 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.