

Manufacturer/Supplier:

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Product name: Anti-Human CD4 Monoclonal
Antibody(PE/Cyanine5 Conjugated)

Catalog: DL21328F

Synonyms: T-cell surface glycoprotein CD4, CD4, T-cell surface
antigen T4/Leu-3, CD4

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

Isotype: Mouse IgG1, κ

Size:

20Tests/100Tests/100Tests \times 2

Host: Mouse

Reactivity: Human

Application: FCM

Concentration: 5 μ L

Conjugation: PE/Cyanine5

SwissProt: P01730

Buffer: Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.

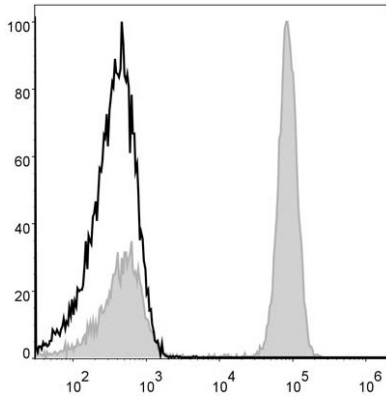
Recommended Use:

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.

Data:

Human peripheral blood cells are stained with Anti-Human CD4 Monoclonal Antibody(PE/Cyanine5 Conjugated)(filled gray histogram). Unstained peripheral blood cells (blank black histogram)

are used as control.



Storage:

Keep as concentrated solution.

Store at 2~8°C and protected from prolonged exposure to light. Do not freeze.

This product is guaranteed up to one year from purchase.