DEVELOP

Manufacturer/Supplier:

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Product name: Anti-Human CD3 Monoclonal Antibody(PE/Cyanine7 Conjugated)

Catalog: DL20183F

Synonyms: T-cell surface glycoprotein CD3 epsilon chain,CD3E,T-cell surface antigen T3/Leu-4 epsilon chain,CD3e,CD3E,T3E

Background: CD3ε is a 20 kD chain of the CD3/T cell receptor (TCR) complex, which is composed of two CD3ε, one CD3γ, one CD3δ, one CD3ζ (CD247), and a T cell receptor (α/β or γ/δ) heterodimer. It is found on all mature T lymphocytes, NK T cells, and some thymocytes. CD3, also known as T3, is a member of the immunoglobulin superfamily that plays a role in antigen recognition, signal transduction, and T cell activation.

Form: Liquid   **Isotype:** Mouse IgG2a, κ

Size: **Host:** Mouse
20Tests/100Tests/100Tests×2
Reactivity: Human   **Application:** FCM

Concentration: 5 μL   **Conjugation:** PE/Cyanine7

SwissProt: P07766

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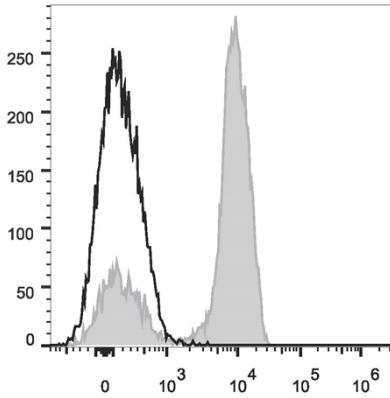
Recommended Use:

   Each lot of this antibody is quality control tested by flow cytometric analysis. The amount of the reagent is suggested to be used 5 μL of antibody per test (million cells in 100 μL staining volume or per 100 μL 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 lymphocytes are stained with Anti-Human CD3 Monoclonal Antibody(PE/Cyanine7 Conjugated)(filled gray histogram). Unstained lymphocytes (empty black histogram) are used as

control.