

**Manufacturer/Supplier:**

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**Product name:** Anti-Rat CD4(domain 1) Monoclonal  
Antibody(PE/Cyanine5.5 Conjugated)

**Catalog:** DL21278F

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

**Background:** CD4, also known as T4, is a 55kD glycoprotein member of the immunoglobulin superfamily and is expressed on majority of thymocytes, macrophages, and a peripheral T cell subset (T helper cells). CD4 is a T cell co-receptor that interacts with the MHC class II molecule and is involved in T cell activation.

**Form:** Liquid

**Isotype:** Mouse IgG2a,  $\kappa$

**Size:** 50 Tests/100 Tests/200

**Host:** Mouse

Tests/500 Tests

**Reactivity:** Rat

**Application:** FCM

**Concentration:**

**Conjugation:** PE/Cyanine5.5

**SwissProt:** P05540

**Buffer:** PBS with 0.05% Proclin300, 1% BSA

### **Recommended Use:**

Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. The amount of the reagent is suggested to be used 5  $\mu\text{L}$  of antibody per test (million cells in 100  $\mu\text{L}$  staining volume or per 100  $\mu\text{L}$  of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.

### **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.