

**Manufacturer/Supplier:**

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**Product name:** Anti-Rat CD4(domain 1) Monoclonal  
Antibody(PerCP Conjugated)

**Catalog:** DL21285F

**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:** 25 $\mu$ g/100 $\mu$ g

**Host:** Mouse

**Reactivity:** Rat

**Application:** FCM

**Concentration:** 0.2 mg/mL

**Conjugation:** PerCP

**SwissProt:** P05540

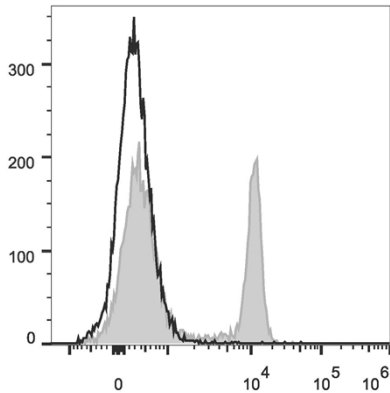
**Buffer:** Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.

### **Recommended Use:**

Each lot of this antibody is quality control tested by flow cytometric analysis. Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use. We suggest each investigator should titrate the reagent to obtain optimal results [The recommended concentration is 0.1-1  $\mu\text{g}/10^6$  cells in 100  $\mu\text{L}$  volume].

### **Data:**

Rat splenocytes are stained with Anti-Rat CD4(domain 1 Conjugated) Monoclonal Antibody(PerCP Conjugated)[Used at 0.1  $\mu\text{g}/10^6$  cells dilution](filled gray histogram). Unstained splenocytes (empty 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.