

**Manufacturer/Supplier:**

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**Product name:** Anti-Mouse CD4 Monoclonal Antibody(PerCP  
Conjugated)

**Catalog:** DL21135F

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

**Background:** CD4 is a 55 kD protein also known as L3T4 or T4. It is a member of the Ig superfamily, primarily expressed on most thymocytes, a subset of T cells, and weakly on macrophages and dendritic cells. It acts as a coreceptor with the TCR during T cell activation and thymic differentiation by binding MHC class II and associating with the protein tyrosin kinase, lck.

**Form:** Liquid

**Isotype:** Rat IgG2b,  $\kappa$

**Size:**

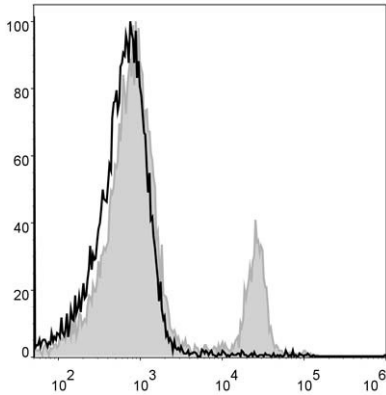
50Tests/100Tests/100Tests×2

**Host:** Rat**Reactivity:** Mouse**Application:** FCM**Concentration:** 5  $\mu$ L**Conjugation:** PerCP**SwissProt:** P06332**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  $\mu$ L of antibody per test (million cells in 100  $\mu$ L staining volume or per 100  $\mu$ L of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.

**Data:**

Mouse splenocytes are stained with Anti-Mouse CD4 Monoclonal Antibody(PerCP Conjugated)(filled gray histogram). Unstained splenocytes (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.