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# PerCP/Cyanine5.5 Anti-Mouse CD4 Antibody[GK1.5]

Catalog No.E-AB-F1097JReactivityMouseStorageStore at 2~8°C, Avoid freeze / thaw cyclesApplicationsFCM

**Important Note:** Centrifuge before opening to ensure complete recovery of vial contents.

## **Antigen Information**

Alternate Names T-cell surface glycoprotein CD4, CD4, T-cell surface antigen T4/Leu-3, CD4

Uniprot ID P06332

**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.

#### **Product Details**

Form Liquid

Size 50Tests/100Tests/100Tests×2

Clone No. GK1.5 Host Rat

IsotypeRat IgG2b, κReactivityMouseApplicationFCM

**Isotype Control** PerCP/Cyanine5.5 Rat IgG2b, κ Isotype Control[LTF-2] [Product E-AB-F09842J]

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

**Shipping** Biological ice pack at 4 °C **Stability & 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.



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## **Fluorophore**

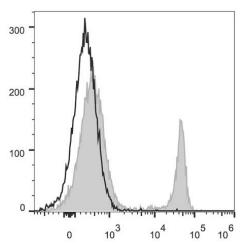
Conjugation: PerCP/Cyanine5.5

PerCP/Cyanine 5.5 is designed to be excited by the blue laser (488 nm) and detected using an optical filter centered near 675 nm (e.g., a 690/50 nm bandpass filter).

# Recommended usage

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.

### **Product data**



C57BL/6 murine splenocytes are stained with PerCP/Cyanine5.5 Anti-Mouse CD4 Antibody (filled gray histogram). Unstained splenocytes (empty black histogram) are used as control.

### **Related Information**

- 1. Sample Preparation for Flow Cytometry <a href="https://www.elabscience.com/List-detail-5594.html">https://www.elabscience.com/List-detail-5594.html</a>
- 2. Staining Cell Surface Targets for Flow Cytometry <a href="https://www.elabscience.com/List-detail-5568.html">https://www.elabscience.com/List-detail-5568.html</a>
- 3. Flow Cytometry Troubleshooting Tips <a href="https://www.elabscience.com/List-detail-5593.html">https://www.elabscience.com/List-detail-5593.html</a>
- 4. How to select the appropriate detection channel through the spectrogram? https://www.elabscience.com/Listdetail-459742.html