

Manufacturer/Supplier:

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

Catalog: DL21142F

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, κ

Size: 25µg/100µg

Host: Rat

Reactivity: Mouse

Application: FCM

Concentration: 0.5 mg/mL

Conjugation: FITC

SwissProt: P06332

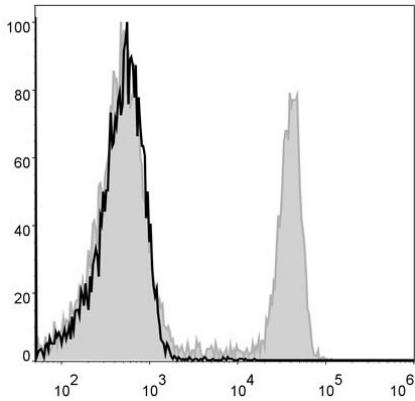
Buffer: Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.

Recommended Use:

Each lot of this antibody is quality control tested by flow cytometric analysis. 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 µg/10⁶cells in 100 µL volume].

Data:

Mouse splenocytes are stained with Anti-Mouse CD4 Monoclonal Antibody(FITC Conjugated)[Used at 0.2 µg/10⁶ cells dilution](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.