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## FITC Anti-Mouse CD4 Antibody[RM4-5]

Catalog Number: E-AB-F1353UC

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

#### Description

Reactivity Mouse Rat Host

Isotype Rat IgG2a, ĸ Clone No. RM4-5

FITC Rat IgG2a, k Isotype Control[2A3] [Product E-AB-F09833C] Isotype Control

Conjugation

**Conjugation Information** FITC is designed to be excited by the Blue laser (488 nm) and detected using an optical

filter centered near 530 nm (e.g., a 525/40 nm bandpass filter).

Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

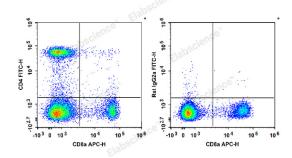
#### **Applications** Recommended usage

Each lot of this antibody is quality control tested by immunofluorescent staining with flow **FCM** 

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/10<sup>6</sup> cells in 100 µL volume].

#### Data



C57BL/6 murine splenocytes are stained with APC Anti-Mouse CD8a Antibody and FITC Anti-Mouse CD4 Antibody (Left). Splenocytes are stained with APC Anti-Mouse CD8a Antibody and FITC Rat IgG2a, κ Isotype Control (Right).

#### **Preparation & Storage**

Storage Keep as concentrated solution.

This product can be stored at 2-8°C for 12 months. Please protected from prolonged

exposure to light and do not freeze.

**Shipping** Ice bag

#### **Antigen Information**

**Alternate Names** L3T4;T-cell surface antigen T4/Leu-3;T-cell surface glycoprotein CD4;T4

**Uniprot ID** P06332 Gene ID 12504

### For Research Use Only

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#### **Background**

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

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