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

Catalog Number: E-AB-F1353UE

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

#### Description

Reactivity Mouse Host Rat

Isotype Rat IgG2a, κ
Clone No. RM4-5

Isotype Control APC Rat IgG2a, κ Isotype Control[2A3] [Product E-AB-F09833E]

**Conjugation** APC

**Conjugation Information** APC is designed to be excited by the Red (627-640 nm) laser and detected using an

optical filter centered near 660 nm (e.g., a 660/20 nm bandpass filter).

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

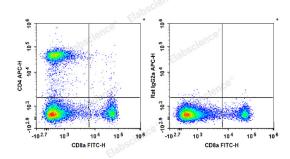
#### Applications Recommended usage

FCM Each lot of this antibody is quality control tested by immunofluorescent staining with 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/10<sup>6</sup> cells in 100 µL volume].

#### Data



C57BL/6 murine splenocytes are stained with FITC Anti-Mouse CD8a Antibody and APC Anti-Mouse CD4 Antibody[RM4-5] (Left). Splenocytes are stained with FITC Anti-Mouse CD8a Antibody and APC 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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