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# FITC Anti-Rat CD4(domain 1) Antibody[OX-38]

Catalog Number: E-AB-F1105C

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

#### Description

Reactivity Rat
Host Mouse

**Isotype** Mouse IgG2a, κ

Clone No. OX-38

Isotype Control FITC Mouse IgG2a, κ Isotype Control[C1.18.4] [Product E-AB-F09802C]

Conjugation FITC

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).

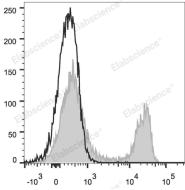
Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

#### Applications Recommended usage

FCM

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**



Rat splenocytes are stained with FITC Anti-Rat CD4(domain 1) Antibody (filled gray histogram). Unstained splenocytes (empty black histogram) are used as control.

#### **Preparation & Storage**

**Storage** Keep as concentrated solution.

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

Rev. V1.5

exposure to light and do not freeze.

Shipping Ice bag

#### **Antigen Information**

Alternate Names CD4;T-cell surface antigen T4/Leu-3;T-cell surface glycoprotein CD4;domain 1

 Uniprot ID
 P05540

 Gene ID
 24932

## For Research Use Only

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### **Background**

CD4, also known as T4, is a 55kD glycoprotein member of the immunoglobin superfamily and is expressed on majority of thymocytes, macrophages, and a peripheral T cell subset (T helper cells). CD4 is a T cell co-receptor that interacts with the MHC class II molecule and is involved in T cell activation.