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# Elab Fluor® Violet 450 Anti-Rat CD4(domain 1) Antibody[OX-38]

Catalog Number: E-AB-F1105Q

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 Elab Fluor® Violet 450 Mouse IgG2a, κ Isotype Control[C1.18.4] [Product E-AB-

F09802Q1

Conjugation Elab Fluor® Violet 450

**Conjugation Information** Elab Fluor<sup>®</sup> Violet 450 is designed to be excited by the violet laser (405 nm) and

detected using an optical filter centered near 450 nm (e.g., a 450/45 nm bandpass filter).

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

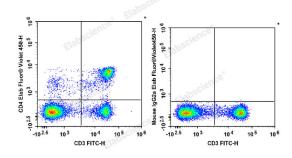
# Applications Recommended usage

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 CD3

Antibody and Elab Fluor<sup>®</sup> Violet 450 Anti-Rat CD4(domain 1) Antibody (Left). Splenocytes are stained with FITC Anti-Rat

CD3 Antibody and Elab Fluor<sup>®</sup> Violet 450 Mouse IgG2a,  $\kappa$  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 CD4;T-cell surface antigen T4/Leu-3;T-cell surface glycoprotein CD4;domain 1

Uniprot ID P05540

# For Research Use Only

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### **Elabscience Bionovation Inc.**

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Gene ID **Background**  24932

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.

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