

A Reliable Research Partner in Life Science and Medicine

Elab Fluor® 488 Anti-Rat CD4(domain 1) Antibody[OX-38]

Catalog Number: E-AB-F1105UL

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

Description

Reactivity Rat Host Mouse

Isotype Mouse IgG2a, ĸ

OX-38 Clone No.

Isotype Control Elab Fluor[®] 488 Mouse IgG2a, κ Isotype Control[C1.18.4] [Product E-AB-F09803L]

Conjugation Elab Fluor®488

Conjugation Information Elab Fluor® 488 is designed to be excited by the Blue laser (488 nm) and detected using

an optical filter centered near 520 nm (e.g., a 525/40 nm bandpass filter).

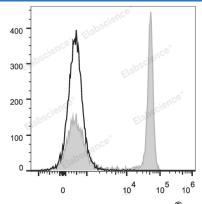
Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer. Storage Buffer

Applications Recommended usage

FCM

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 $\mu g/10^6$ cells in 100 µL volume].

Data



Rat splenocytes are stained with Elab Fluor® 488 Anti-Rat CD4(domain 1) Antibody (filled gray histogram). Unstained splenocytes (empty black histogram) are used as control.

Preparation & Storage

Keep as concentrated solution. Storage

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

exposure to light and do not freeze.

Ice bag **Shipping**

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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Rev. V1.7

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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.