A Reliable Research Partner in Life Science and Medicine

Elab Fluor® Red 780 Anti-Rat CD4(domain 1) Antibody[OX-38]

Catalog Number: E-AB-F1105US

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® Red 780 Mouse IgG2a, κ Isotype Control[C1.18.4] [Product E-AB-F09803S]

Conjugation Elab Fluor® Red 780

Conjugation Information Elab Fluor[®] Red 780 is designed to be excited by the Red (627-640 nm) laser and

detected using an optical filter centered near 770 nm (e.g., a 780/60 nm bandpass filter).

Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% sodium azide and 1% BSA.

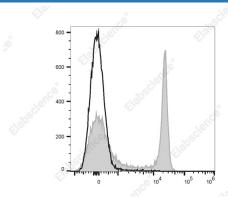
Applications Recommended usage

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 μ g/10⁶ cells

in 100 µL volume].

Data



Rat splenocytes are stained with Elab Fluor[®] Red 780 Anti-Rat CD4(domain 1) Antibody[OX-38] (filled gray histogram)

or Elab Fluor $^{\circledR}$ Red 780 Mouse IgG2a, κ Isotype Control (empty black histogram).

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

 Gene ID
 24932

For Research Use Only



Elabscience Biotechnology Co., Ltd.

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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.