

Fax: 1-832-243-6017



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

E-AB-F1105US Catalog No. Reactivity Rat Storage Store at 2~8°C, Avoid freeze / thaw cycles **Applications FCM**

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

Antigen Information

Alternate Names T-cell surface glycoprotein CD4,CD4,T-cell surface antigen T4/Leu-3,CD4

Uniprot ID P05540 Gene ID 24932

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.

Product Details

Form Liquid Concentration 0.5 mg/mL25μg/100μg Size Clone No. OX-38 Mouse Host

Isotype Mouse IgG2a, κ

Reactivity Rat **Application FCM**

 $\underline{Elab\ Fluor}^{\underline{@}}\ \underline{Red\ 780\ Mouse\ IgG2a,\ \kappa\ Isotype\ Control[C1.18.4]\ [Product\ E-AB-F09803S]}$ **Isotype Control** Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant. **Storage Buffer**

Shipping Biological ice pack at 4 °C Stability & Storage Keep as concentrated solution.

Store at 2~8°C and protected from prolonged exposure to light.Do not freeze.

This product is guaranteed up to one year from purchase.

For Research Use Only

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Email: techsupport@elabscience.com Web: www.elabscience.com

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Fluorophore

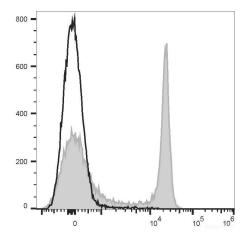
Conjugation: Elab Fluor® Red 780

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).

Recommended usage

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 $100~\mu L$ volume].

Product data



Rat splenocytes are stained with Elab Fluor[®] Red 780 Anti-Rat CD4(domain 1) Antibody[OX-38] (filled gray histogram) or Elab Fluor[®] Red 780 Mouse IgG2a, κ Isotype Control (empty black histogram).

Related Information

- 1. Sample Preparation for Flow Cytometry https://www.elabscience.com/List-detail-5594.html
- 2. Staining Cell Surface Targets for Flow Cytometry https://www.elabscience.com/List-detail-5568.html
- 3. Flow Cytometry Troubleshooting Tips https://www.elabscience.com/List-detail-5593.html
- 4. How to select the appropriate detection channel through the spectrogram? https://www.elabscience.com/List-detail-459742.html

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