

A Reliable Research Partner in Life Science and Medicine

Elab Fluor® Red 780 Anti-Mouse CD4 Antibody[GK1.5]

Catalog Number: E-AB-F1097US

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

Description

Reactivity Mouse Host Rat

Isotype Rat IgG2b, κ **Clone No.** GK1.5

Isotype Control Elab Fluor® Red 780 Rat IgG2b, κ Isotype Control[LTF-2] [Product E-AB-F09843S]

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).

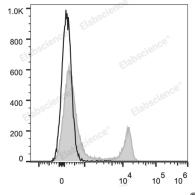
Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

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 μ L volume].

Data



Mouse splenocytes are stained with Elab Fluor[®] Red 780 Anti-Mouse CD4 Antibody (filled gray histogram). Unstained splenocytes (blank 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. V1.7

exposure to light and do not freeze.

Shipping Ice bag

Antigen Information

Alternate Names L3T4;T-cell surface antigen T4/Leu-3;T-cell surface glycoprotein CD4;T4

 Uniprot ID
 P06332

 Gene ID
 12504

For Research Use Only

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Elabscience Bionovation Inc.

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Background

Elabscience®

CD4 is a 55 kD protein also known as L3T4 or T4. It is a member of the Ig superfamily, primarily expressed on most thymocytes, a subset of T cells, and weakly on macrophages and dendritic cells. It acts as a coreceptor with the TCR during T cell activation and thymic differentiation by binding MHC class II and associating with the protein tyrosin kinase, Ick.

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