

A Reliable Research Partner in Life Science and Medicine

Elab Fluor® 647 Anti-Mouse CD25 Antibody[PC-61.5.3]

Catalog Number: E-AB-F1102UM

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

Description

Reactivity Mouse Host Rat

Isotype Rat IgG1, κ
Clone No. PC-61.5.3

Isotype Control Elab Fluor® 647 Rat IgG1, κ Isotype Control[HRPN] [Product E-AB-F09823M]

Conjugation Elab Fluor® 647

Conjugation Information Elab Fluor® 647 is designed to be excited by the Red laser (627-640 nm) and detected

using an optical filter centered near 670 nm (e.g., a 660/20 nm bandpass filter).

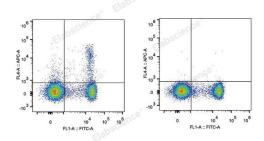
Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

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



C57BL/6 murine splenocytes are stained with Elab Fluor[®] 647 Anti-Mouse CD25 Antibody and FITC Anti-Mouse CD4 Antibody (Left). Splenocytes stained with FITC Anti-Mouse

CD4 Antibody and Rat IgG1 Isotype Control Elab Fluor[®] 647 (Right) 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

exposure to light and do not freeze.

Shipping Ice bag

Antigen Information

Alternate Names IL-2 receptor subunit alpha;IL-2-RA;IL-2R subunit alpha;IL2-RA;IL2RA;Interleukin-2

receptor subunit alpha;TAC antigen;p55

Uniprot ID P01590

For Research Use Only

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Gene ID

Background

16184

CD25 is a 55 kD glycoprotein, also known as the low affinity IL-2R α , Ly-43, p55, or Tac. It is expressed on activated T and B cells, thymocyte subset, pre-B cells, and T regulatory cells. In association with CD122 (IL-2R β) and CD132(common γ chain), CD25 forms the high affinity signaling IL-2 receptor.

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