

A Reliable Research Partner in Life Science and Medicine

Elab Fluor® Violet 610 Anti-Mouse CD25 Antibody[PC-61.5.3]

Catalog Number: E-AB-F1102UT

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® Violet 610 Rat IgG1, κ Isotype Control[HRPN] [Product E-AB-F09823T]

Conjugation Elab Fluor[®] Violet 610

Conjugation Information Elab Fluor® Violet 610 is designed to be excited by the violet laser (405 nm) and detected

using an optical filter centered near 613 nm (e.g., a 615/20 nm bandpass filter).

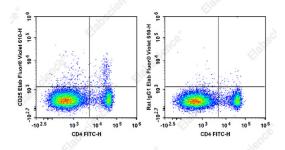
Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

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



Staining of C57BL/6 murine splenocytes with FITC Anti-

Mouse CD4 Antibody[GK1.5] and Elab Fluor[®] Violet 610 Anti-Mouse CD25 Antibody[PC-61.5.3] (left) or Elab Fluor[®] Violet 610 Rat IgG1, κ Isotype Control (right). Total viable cells were used for analysis.

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.