

Elab Fluor® Violet 450 Anti-Mouse CD25 Antibody[PC-61.5.3]

Catalog Number: E-AB-F1102UQ

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

Description

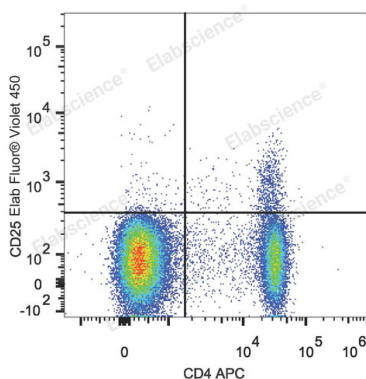
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| Reactivity | Mouse |
| Host | Rat |
| Isotype | Rat IgG1, κ |
| Clone No. | PC-61.5.3 |
| Isotype Control | Elab Fluor® Violet 450 Rat IgG1, κ Isotype Control[HRPN] [Product E-AB-F09823Q] |
| Conjugation | Elab Fluor® Violet 450 |
| Conjugation Information | Elab Fluor® Violet 450 is designed to be excited by the violet laser (405 nm) and detected using an optical filter centered near 450 nm (e.g., a 450/45 nm bandpass filter). |
| Storage Buffer | Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant. |

Applications

Recommended usage

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| 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 $\mu\text{g}/10^6$ cells in 100 μL volume]. |
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Data



C57BL/6 murine splenocytes are stained with Elab Fluor® Violet 450 Anti-Mouse CD25 Antibody and APC Anti-Mouse CD4 Antibody.

Preparation & Storage

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| 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

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| 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 |
| Gene ID | 16184 |

For Research Use Only

Background

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.