Elabscience®

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

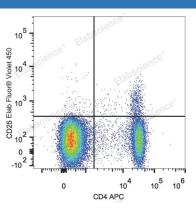
Catalog Number: E-AB-F1102UQ

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

Description	
Reactivity	Mouse
Host	Rat
Isotype	Rat lgG1, 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% sodium azide and 1% BSA.
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[®] Violet 450 Anti-Mouse CD25 Antibody and APC Anti-Mouse CD4 Antibody.

Preparation & Storag	je
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
Gene ID	16184
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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.