

## Elab Fluor® 700 Anti-Mouse CD25 Antibody[PC-61.5.3]

Catalog Number: E-AB-F1102UM1

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

### Description

<b>Reactivity</b>	Mouse
<b>Host</b>	Rat
<b>Isotype</b>	Rat IgG1, κ
<b>Clone No.</b>	PC-61.5.3
<b>Isotype Control</b>	Elab Fluor® 700 Rat IgG1, κ Isotype Control[HRPN] [Product E-AB-F09823M1]
<b>Conjugation</b>	Elab Fluor® 700
<b>Conjugation Information</b>	Elab Fluor® 700 is designed to be excited by the Red laser (627-640 nm) and detected using an optical filter centered near 719 nm (e.g., a 725/40 nm bandpass filter).
<b>Storage Buffer</b>	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

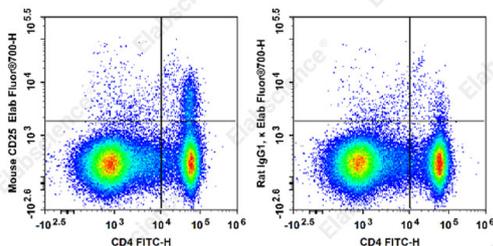
### Applications

### 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 μg/10<sup>6</sup> cells in 100 μL volume].

### Data



Staining of C57BL/6 murine splenocytes cells with Elab Fluor® 700 Anti-Mouse CD25 Antibody[PC-61.5.3] and FITC Anti-Mouse CD4[GK1.5] (left) or Elab Fluor® 700 Rat IgG1,κ Isotype Control (right). Total viable cells were used for analysis.

### Preparation & Storage

<b>Storage</b>	Keep as concentrated solution. This product can be stored at 2-8°C for 24 months. Please protected from prolonged exposure to light and do not freeze.
<b>Shipping</b>	Ice bag

### Antigen Information

<b>Alternate Names</b>	IL-2 receptor subunit alpha;IL-2-RA;IL-2R subunit alpha;IL2-RA;IL2RA;Interleukin-2 receptor subunit alpha;TAC antigen;p55
<b>Uniprot ID</b>	P01590

### For Research Use Only

**Gene ID**

16184

**Background**

CD25 is a 55 kD glycoprotein, also known as the low affinity IL-2R $\alpha$ , 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 $\beta$ ) and CD132 (common  $\gamma$  chain), CD25 forms the high affinity signaling IL-2 receptor.