

A Reliable Research Partner in Life Science and Medicine

# PE/Elab Fluor® 594 Anti-Mouse CD25 Antibody[PC-61.5.3]

Catalog Number: E-AB-F1102P

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

PE/Elab Fluor® 594 Rat IgG1, κ Isotype Control[HRPN] [Product E-AB-F09822P]

Conjugation PE/Elab Fluor® 594

Conjugation Information PE/Elab Fluor® 594 is designed to be excited by the blue (488 nm), Green (532 nm) and

yellow-green (561 nm) lasers and detected using an optical filter centered near 620 nm

(e.g., a 610/20 nm bandpass filter).

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

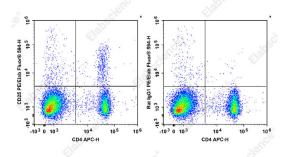
#### Applications Recommended usage

FCM Each lot of this antibody is quality control tested by flow cytometric analysis. The amount

of the reagent is suggested to be used 5  $\mu$ L of antibody per test (million cells in 100  $\mu$ L staining volume or per 100  $\mu$ L of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for

individual use.

## Data



C57BL/6 murine splenocytes are stained with APC Anti-

Mouse CD4 Antibody and PE/Elab Fluor® 594 Anti-Mouse CD25 Antibody[PC-61.5.3] (Left). Splenocytes are stained

with APC Anti-Mouse CD4 Antibody and PE/Elab Fluor<sup>®</sup> 594 Rat IgG1, κ Isotype Control (Right).

## **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

# For Research Use Only

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017



## **Elabscience Bionovation Inc.**

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**Uniprot ID** P01590 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-2Rβ) and CD132(common γ chain),

CD25 forms the high affinity signaling IL-2 receptor.

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