

A Reliable Research Partner in Life Science and Medicine

# PE/Cyanine5 Anti-Mouse CD25 Antibody[PC-61.5.3]

Catalog Number: E-AB-F1102G

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

#### Description

Reactivity Mouse
Host Rat

IsotypeRat  $\lg G1$ ,  $\kappa$ Clone No.PC-61.5.3

Isotype Control PE/Cyanine5 Rat IgG1, κ Isotype Control[HRPN] [Product E-AB-F09822G]

Conjugation PE/Cyanine 5

Conjugation Information PE/Cyanine5 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 670 nm

(e.g., a 690/50 nm bandpass filter).

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

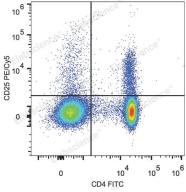
#### Applications Recommended usage

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 PE/Cyanine5 Anti-Mouse CD25 Antibody and FITC Anti-Mouse CD4 Antibody Antibody.

#### **Preparation & Storage**

**Storage** Keep as concentrated solution.

This product can be stored at 2-8  $^{\circ}\text{C}$  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

# For Research Use Only

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

Web:www.elabscience.com Email:techsupport@elabscience.com

# Elabscience Bionovation Inc.



A Reliable Research Partner in Life Science and Medicine

## **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.