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PE/Cyanine 5.5 Anti-Mouse CD25 Antibody [PC-61.5.3]

Catalog Number: E-AB-F1102I

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

Description

Reactivity Mouse Rat Host

Isotype Rat IgG1, ĸ Clone No. PC-61.5.3

PE/Cyanine5.5 Rat IgG1, κ Isotype Control[HRPN] [Product E-AB-F09822I] Isotype Control

PE/Cyanine 5.5 Conjugation

Conjugation Information PE/Cyanine5.5 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 690 nm

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

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

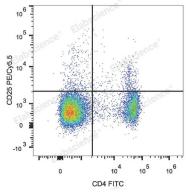
Applications Recommended usage

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 µL of antibody per test (million cells in 100 μL staining volume or per 100 μL 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/Cyanine5.5 Anti-Mouse CD25 Antibody and FITC Anti-Mouse CD4 Antibody.

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

Uniprot ID P01590 Gene ID 16184

For Research Use Only

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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.