

Manufacturer/Supplier:

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Product name: Anti-Mouse CD122 Monoclonal
Antibody(PE/Cyanine5 Conjugated)

Catalog: DL20464F

Synonyms: Interleukin-2 receptor subunit beta, IL2rb, IL-2
receptor subunit beta,
IL-2R subunit beta, IL-2RB, High affinity IL-2
receptor subunit beta, p70-75, CD122

Background: CD122 is a 70-75 kD IL-2 receptor β chain also known as IL-2R β , which is also shared by the IL-15 receptor. It is constitutively expressed by NK cells and at lower levels by T cells, B cells, monocytes, and macrophages. The IL-2R β chain can combine with either the common γ subunit (γ c, CD132) alone or with the γ c subunit and the IL-2R α subunit (CD25) to generate intermediate or high affinity IL-2

receptor complexes, respectively. CD122 expression levels can be upregulated by activation. The 5H4 antibody does not block IL-2 binding to the IL-2 receptor. CD122 is expressed on murine, but not human, CD8⁺ Tregs involved in the maintenance of T cell homeostasis.

Form: Liquid

Isotype: Rat IgG2a, κ

Size:

50Tests/100Tests/100Tests \times 2

Host: Rat

Reactivity: Mouse

Application: FCM

Concentration: 5 μ L

Conjugation: PE/Cyanine5

SwissProt: P16297

Buffer: Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.

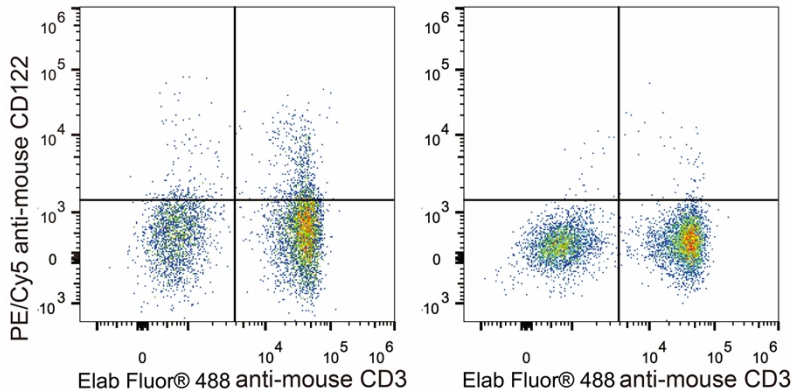
Recommended Use:

Each lot of this antibody is quality control tested by flow cytometric analysis. The amount of the reagent is suggested to be used 5 μ L of antibody per test (million cells in 100 μ L staining volume or per 100 μ 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 Anti-Mouse CD122 Monoclonal Antibody(PE/Cyanine5 Conjugated) and Anti-Mouse CD3 Monoclonal Antibody(AF488 Conjugated)(left). Splenocytes stained with Anti-Mouse CD3 Monoclonal Antibody(AF488 Conjugated)(right) are used as control.



Storage:

Keep as concentrated solution.

Store at 2~8°C and protected from prolonged exposure to light. Do not freeze.

This product is guaranteed up to one year from purchase.