

Antibody Data

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| Product SKU: | AGEL0793 | Clone: | 5H4 |
| Applications: | FCM | | |
| Reactivity: | Mouse | | |

Important Note:

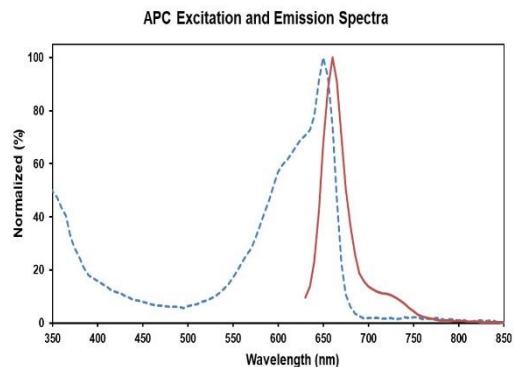
Centrifuge before opening to ensure complete recovery of vial contents.

Product Information:

Alternate Names: 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;
Uniprot ID: P16297

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
Conjugation: APC
Size: 50 Tests, 100 Tests, 200 Tests
Host Species: Rat
Isotype: Rat IgG2a, κ



Ex:650 nm; Em:660 nm

Isotype Control: APC Rat IgG2a, κ Isotype Control[2A3] [Product AGEL0793]
Storage Buffer: Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.
Shipping: Biological ice pack at 4°C

Stability & Storage: Keep as concentrated solution. Store at 2~8°C and protected from prolonged exposure to light. Do not freeze. Centrifuge before opening to ensure complete recovery of vial contents. This product is guaranteed up to one year from purchase.

Recommended Usage: 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.