

Manufacturer/Supplier:

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Product name: Anti-Mouse CD132 Monoclonal Antibody(PE
Conjugated)

Catalog: DL20289F

Synonyms: Cytokine receptor common subunit
gamma, IL2rg, Interleukin-2 receptor subunit
gamma, IL-2 receptor subunit gamma, IL-2R subunit
gamma, IL-2RG, gammaC, p64, CD132

Background: CD132 is a 64-70 kD type I transmembrane glycoprotein of the Ig superfamily, and is also known as common γ chain (γ c) or IL-2 receptor γ subunit. It is expressed broadly on T- and B- lymphocytes, NK cells, monocytes, and granulocytes. CD132 is an essential component of cytokine receptors for IL-2, IL-4, IL-7, IL-9, IL-15, and IL-21. Ligand binding induces tyrosine phosphorylation and initiates

signaling through a JAK/STAT pathway. CD132 mutation results in X-linked severe combined immune deficiency (XSCID).

Form: Liquid

Isotype: Rat IgG2b, κ

Size: 20 Tests/50 Tests/100 Tests/200 Tests

Host: Rat

Reactivity: Mouse

Application: FCM

Concentration:

Conjugation: PE

SwissProt: P34902

Buffer: PBS with 0.05% Proclin300, 1% BSA

Recommended Use:

Each lot of this antibody is quality control tested by immunofluorescent staining with 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.

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.