

**Purified Anti-Mouse CD132 Antibody
[3E12]**

Catalogue Code: AGEL0105

Antibody Data

Product SKU:	AGEL0105	Clone:	3E12
Applications:	FCM		
Reactivity:	Mouse		

Important Note:

Centrifuge before opening to ensure complete recovery of vial contents.

Product Information:

Alternate Names:	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;
Uniprot ID:	P34902
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
Conjugation:	Unconjugated
Size:	25µg, 100µg
Host Species:	Rat
Isotype:	Rat IgG2b, κ
Isotype Control:	Purified Rat IgG2b, κ Isotype Control[LTF-2] [Product AGEL0105]
Storage Buffer:	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.
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. For flow cytometric staining, the suggested use of this reagent is $\leq 2.0 \mu\text{g}$ per 10^6 cells in 100 μL volume or 100 μL of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.
