

Datasheet for ABIN7456623
anti-IL2RG antibody (Biotin)



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Overview

Quantity:	25 µg
Target:	IL2RG
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This IL2RG antibody is conjugated to Biotin
Application:	Flow Cytometry (FACS)

Product Details

Clone:	3E12
Isotype:	IgG2b, kappa

Target Details

Target:	IL2RG
Alternative Name:	CD132 (IL2RG Products)
Background:	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,CD132 is a 64-70 kD type I transmembrane glycoprotein of the Ig superfamily, and is also known as common γ chain (γc) 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

Target Details

	signaling through a JAK/STAT pathway. CD132 mutation results in X-linked severe combined immune deficiency (XSCID).
Gene ID:	16186
UniProt:	P34902
Pathways:	JAK-STAT Signaling, Growth Factor Binding

Application Details

Application Notes:	For flow cytometric staining, the suggested use of this reagent is $\leq 1.0 \mu\text{g}$ 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.
Comment:	Matching Isotype Control: Biotin Rat IgG2b, κ Isotype Control (ABIN7469857)
Restrictions:	For Research Use only

Handling

Concentration:	0.5 mg/mL
Buffer:	PBS with 0.05 % Proclin300, 1 % BSA
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	Store at 2~8°C. Do not freeze.