

Datasheet for ABIN7457856 **anti-IL2RG antibody**



[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	IL2RG
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This IL2RG antibody is un-conjugated
Application:	Flow Cytometry (FACS)

Product Details

Clone:	3E12
Isotype:	IgG2b, kappa
Purification:	Purified
Sterility:	0.2 µm filtered
Endotoxin Level:	Low Endotoxin: Endotoxin level is < 2 EU/mg as Determined by LAL gel clotting assay.

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

Target Details

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 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: Optimal working dilution should be determined by the investigator.

Comment: Matching Isotype Control: AF/LE Purified Rat IgG2b, κ Isotype Control (ABIN7469855)

Restrictions: For Research Use only

Handling

Concentration: 0.5 mg/mL

Buffer: PBS, pH 7.2. Azide Free (AF)/Low Endotoxin (LE)

Preservative: Azide free

Storage: 4 °C

Storage Comment: Store at 2~8°C. Do not freeze.