
Product Name: CD132 Mouse Monoclonal Antibody**Catalog #: AMM82200**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,ELISA,FC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	42.3kDa

Antigen Information

Gene Name	CD132
Alternative Names	IL2RG; P64; CIDX; IMD4; SCIDX; IL-2RG; SCIDX1
Gene ID	3561.0
SwissProt ID	P31785
Immunogen	Purified recombinant fragment of human CD132 (AA: extra 23-262) expressed in E. Coli.

Background

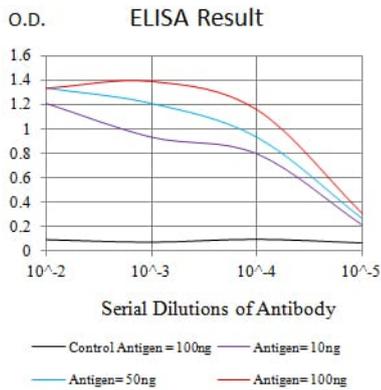
The protein encoded by this gene is an important signaling component of many interleukin receptors, including those of interleukin -2, -4, -7 and -21, and is thus referred to as the common gamma chain. Mutations in this gene cause X-linked severe combined immunodeficiency (XSCID), as well as X-linked combined immunodeficiency (XCID), a less severe immunodeficiency

disorder.

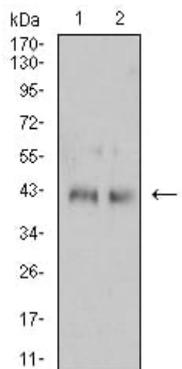
Research Area

TGF-beta signaling pathway, PI3K-Akt signaling pathway

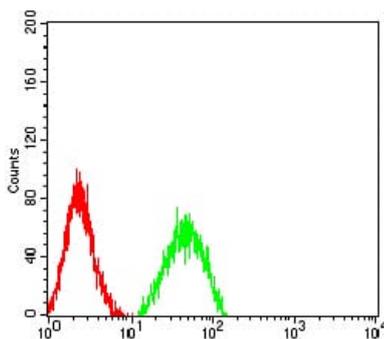
Image Data



Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)



Western blot analysis using CD132 mouse mAb against Jurkat (1) and MOLT4 (2) cell lysate.



Flow cytometric analysis of HL-60 cells using CD132 mouse mAb (green) and negative control (red).