

CD132 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA2164
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human CD132 (AA: extra 23-262) expressed in E. Coli.
Mol wt	42.3kDa
Species reactivity	Human
Clonality	Monoclonal
Recommended application	WB
Concentration	N/A
Full name	N/A
Synonyms	IL2RG;P64;CIDX;IMD4;SCIDX;IL-2RG;SCIDX1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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.

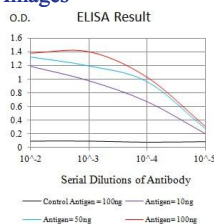
Recommended Dilution

WB: 1:500 - 1:2000

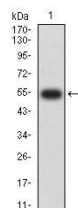
ELISA: 1:10000

Not yet tested in other applications.

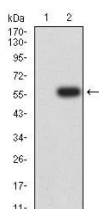
Images



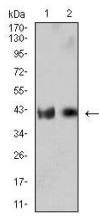
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



Western blot analysis using CD132 mAb against human CD132 (AA: extra 23-262) recombinant protein. (Expected MW is 54.2 kDa)



Western blot analysis using CD132 mAb against HEK293 (1) and CD132 (AA: extra 23-262)-hIgGFc transfected HEK293 (2) cell lysate.



Western blot analysis using CD132 mouse mAb against MOLT4 (1) and U937 (2) cell lysate.

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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