

For Research Use Only

CD122/IL-2RB Monoclonal antibody

Catalog Number: 60174-1-Ig



Basic Information

Catalog Number:

60174-1-Ig

Size:

1000 ug/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG3929

GenBank Accession Number:

BC025691

GeneID (NCBI):

3560

ENSEMBL Gene ID:

ENSG00000100385

UNIPROT ID:

P14784

Full Name:

interleukin 2 receptor, beta

Calculated MW:

551 aa, 61 kDa

Observed MW:

75 kDa, 61 kDa

Purification Method:

Protein A purification

CloneNo.:

3A12C7

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : NK-92 cells,

Background Information

The interleukin 2 receptor, which is involved in T cell-mediated immune responses, is present in 3 forms with respect to ability to bind interleukin 2. The low affinity form is a monomer of the alpha subunit and is not involved in signal transduction. The intermediate affinity form consists of an alpha/beta subunit heterodimer, while the high affinity form consists of an alpha/beta/gamma subunit heterotrimer. The beta subunit (IL2RB, also known as CD122 and p75) is involved in receptor mediated endocytosis and transduces the mitogenic signals of interleukin 2.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.1% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

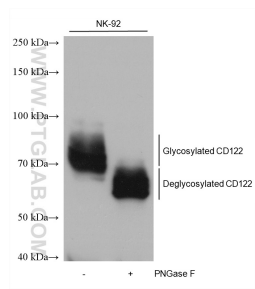
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Untreated and PNGase F-treated lysates of NK-92 cells were subjected to SDS PAGE followed by western blot with 60174-1-Ig (CD122/IL2RB antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.