

For Research Use Only

IL-23R Recombinant antibody

Catalog Number: 83918-3-RR



Basic Information

Catalog Number:

83918-3-RR

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

GeneID (NCBI):

209590

UNIPROT ID:

Q8K4B4

Full Name:

interleukin 23 receptor

Calculated MW:

73 kDa

Observed MW:

73 kDa

Purification Method:

Protein A purification

CloneNo.:

240989A12

Recommended Dilutions:

WB 1:2000-1:10000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : K-562 cells, Jurkat cells, RAW 264.7 cells

Background Information

Interleukin-23 receptor (IL-23R) is a type I cytokine receptor that plays a critical role in immune responses and inflammation. It forms a receptor complex with IL-12R β 1 and is activated by the cytokine IL-23, which is primarily produced by dendritic cells and activated macrophages (PMID: 39796684). The genetic and epigenetic interactions in the IL-23R/IL-17 axis are associated with elevated expression of IL-17 and inflammatory bowel disease (IBD) pathogenesis (PMID: 21672939).

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% 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:

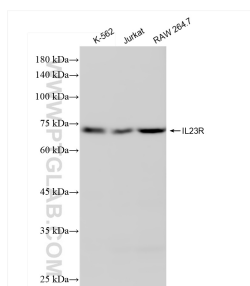
T: 4006900926

E: Proteintech-CN@ptglab.com

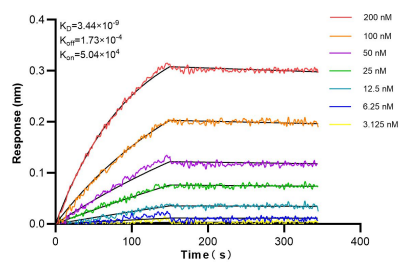
W: ptgcn.com

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

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83918-3-RR (IL23R antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 83918-3-RR against Mouse IL-23R were performed. The affinity constant is 3.44 nM.