

For Research Use Only

Mouse IL-23R Recombinant antibody, PBS Only

Catalog Number: 83918-3-PBS



Basic Information

Catalog Number:

83918-3-PBS

Concentration:

1 mg/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

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse

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 -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

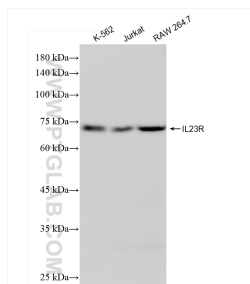
T: 4006900926

E: Proteintech-CN@ptglab.com

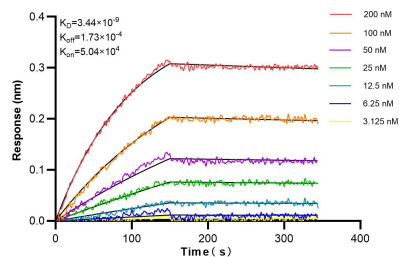
W: ptgcn.com

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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. This data was developed using the same antibody clone with 83918-3-PBS in a different storage buffer formulation.



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