

For Research Use Only

# Mouse IL-23R Recombinant antibody, PBS Only

Catalog Number: 83918-3-PBS



## Basic Information

### Catalog Number:

83918-3-PBS

### Size:

100ug , Concentration: 1 mg/ml by  
Nanodrop;

### 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 $\beta$ 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.

### Storage Buffer:

PBS Only

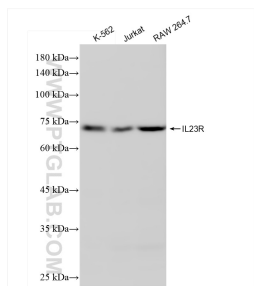
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free  
in USA), or 1(312) 455-8498 (outside USA)

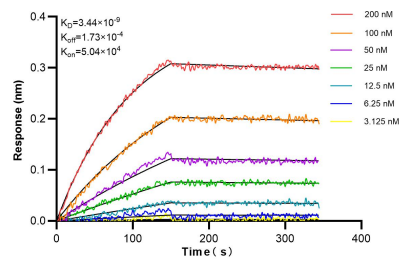
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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. 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.