

For Research Use Only

# IL-23R Polyclonal antibody, PBS Only

Catalog Number: 27163-1-PBS



## Basic Information

Catalog Number:

27163-1-PBS

Size:

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

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG25939

GenBank Accession Number:

NM\_144701

GeneID (NCBI):

149233

Full Name:

interleukin 23 receptor

Calculated MW:

72 kDa

Observed MW:

65-75 kDa

Purification Method:

Antigen affinity purification

## Applications

Tested Applications:

WB, IHC, Indirect 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:

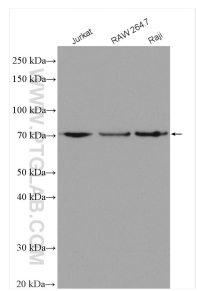
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

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

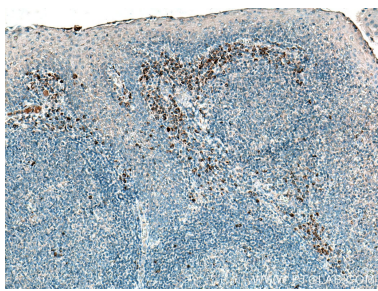
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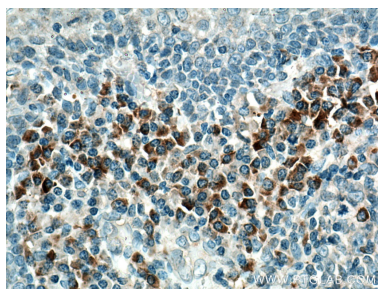
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 27163-1-AP (IL23R antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 27163-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 27163-1-AP (IL23R antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 27163-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 27163-1-AP (IL23R antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 27163-1-PBS in a different storage buffer formulation.