

For Research Use Only

IL-23R Polyclonal antibody

Catalog Number: 27163-1-AP

2 Publications



Basic Information

Catalog Number:

27163-1-AP

Size:

500 ug/ml

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

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse

Cited Species:

mouse, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : Jurkat cells, A431 cells, RAW 264.7 cells, Raji cells, THP-1 cells

IHC : human tonsillitis tissue,

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).

Notable Publications

Author	Pubmed ID	Journal	Application
Wenting Liu	35666279	Naunyn Schmiedebergs Arch Pharmacol	WB
Fengming Ding	35095906	Front Immunol	WB

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:

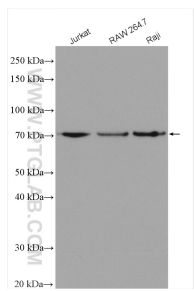
T: 4006900926

E: Proteintech-CN@ptglab.com

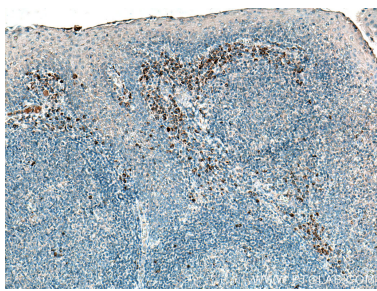
W: ptgcn.com

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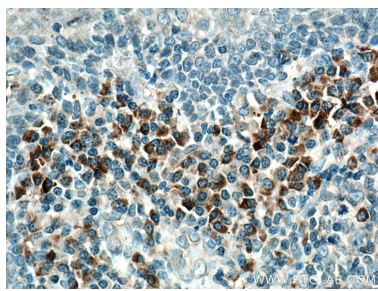
Selected Validation Data



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.



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).



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).