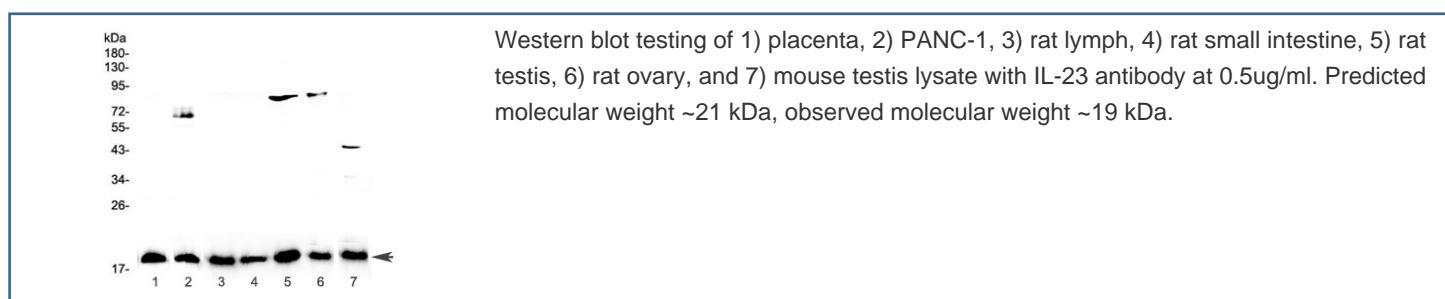


## IL-23 Antibody (p19/alpha subunit) (RQ4068)

Catalog No.	Formulation	Size
RQ4068	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
<b>UniProt</b>	Q9NPF7
<b>Applications</b>	Western Blot : 0.5-1ug/ml Direct ELISA : 0.1-0.5ug/ml
<b>Limitations</b>	This IL-23 antibody is available for research use only.



### Description

Interleukin-23 subunit alpha is a protein that in humans is encoded by the IL23A gene. IL-23, also known as Interleukin-23 subunit alphainin (IL23A), is a heterodimeric cytokine consisting of two subunits, one called p40, which is shared with another cytokine, IL-12, and another called p19 (the IL-23 alpha subunit). The International Radiation Hybrid Mapping Consortium mapped the IL-23 gene to chromosome 12. IL-23 is an important part of the inflammatory response against infection. It promotes upregulation of the matrix metalloprotease MMP9, increases angiogenesis and reduces CD8+ T-cell infiltration.

## Application Notes

Optimal dilution of the IL-23 antibody should be determined by the researcher.

## Immunogen

A recombinant human partial protein corresponding to amino acids R20-R178 was used as the immunogen for the IL-23 antibody.

## Storage

After reconstitution, the IL-23 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.