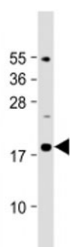


## IL-23 Antibody (p19/alpha subunit) (F53999)

Catalog No.	Formulation	Size
F53999-0.2ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.2 ml
F53999-0.05ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.05 ml

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Mouse
<b>Predicted Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Antigen affinity
<b>UniProt</b>	Q9NPF7
<b>Applications</b>	Western Blot : 1:2000
<b>Limitations</b>	This IL-23 antibody is available for research use only.



Western blot testing of IL-23 antibody at 1:2000 dilution + mouse pancreas lysate.  
Predicted molecular weight ~21 kDa, observed molecular weight ~19 kDa.

## Description

Associates with IL12B to form the IL-23 interleukin, a heterodimeric cytokine which functions in innate and adaptive immunity. IL-23 may constitute with IL-17 an acute response to infection in peripheral tissues. IL-23 binds to a heterodimeric receptor complex composed of IL12RB1 and IL23R, activates the Jak- Stat signaling cascade, stimulates memory rather than naive T- cells and promotes production of proinflammatory cytokines. IL-23 induces autoimmune inflammation and thus may be responsible for autoimmune inflammatory diseases and may be important for

tumorigenesis.

## **Application Notes**

The stated application concentrations are suggested starting points. Titration of the IL-23 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## **Immunogen**

Amino acids 33-67 from the human protein were used as the immunogen for this IL-23 antibody.

## **Storage**

Aliquot the IL-23 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.