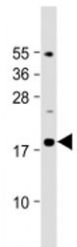
IL-23 Antibody (p19/alpha subunit) (F53999)

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

Availability	1-3 business days
Species Reactivity	Mouse
Predicted Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q9NPF7
Applications	Western blot: 1:2000
Limitations	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.

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