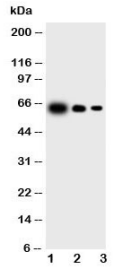
IL-23 Antibody (p19/alpha subunit) (R30542)

Catalog No.	Formulation	Size
R30542	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Mouse
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
UniProt	Q9EQ14
Applications	Western blot: 0.5-1ug/ml
Limitations	This IL-23 antibody is available for research use only.



Western blot testing of IL-23 antibody and Lane 1: recombinant mouse protein 10ng; 2: 5ng; 3: 2.5ng (p40 + p19)

Description

Interleukin-23 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. The cytokine 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

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

Immunogen

An amino acid sequence from the N-terminus of mouse IL-23 (p19/alpha subunit, amino acids DWAQCQQLSRNLCMLAWNAH) was used as the immunogen for this 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.

Copyright © NSJ Bioreagents. All rights reserved.