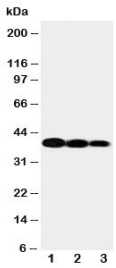
IL12 p40 Antibody (R30540)

Catalog No.	Formulation	Size
R30540	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
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	P29460
Applications	Western Blot : 0.5-1ug/ml
Limitations	This IL12 p40 antibody is available for research use only.



Western blot testing of IL12 p40 antibody and Lane 1: recombinant human protein 10ng; 2: 5ng; 3: 2.5ng

Description

Interleukin 12 p40 subunit heterodimerizes with the IL12 p35 subunit to form IL12 and with the IL23 p19 subunit to form IL23. IL12 p40 exists as a monomer and as a homodimer. This gene encodes a subunit of Interleukin 12, a cytokine that acts on T and natural killer cells, and has a broad array of biological activities. This cytokine has been found to be important for sustaining a sufficient number of memory/effector Th1 cells to mediate long-term protection to an intracellular pathogen.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the IL12 p40 antibody may be required

due to differences in protocols and secondary/substrate sensitivity.

Immunogen

An amino acid sequence from the N-terminus of human IL12 p40 (IWELKKDVYVVELDWYPD) was used as the immunogen for this IL12 p40 antibody.

Storage

After reconstitution, the IL12 p40 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.