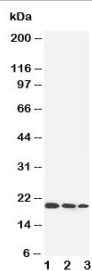


IL-10 Antibody (R30421)

Catalog No.	Formulation	Size
R30421	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	P22301
Applications	Western Blot : 0.5-1ug/ml
Limitations	This IL-10 antibody is available for research use only.



Western blot testing of IL-10 antibody and Lane 1: Recombinant human IL-10 protein
10ng; 2: 5ng; 3: 2.5ng

Description

Interleukin-10, also known as human cytokine synthesis inhibitory factor (CSIF), is an anti-inflammatory cytokine. In humans IL-10 is encoded by the IL10 gene. It is capable of inhibiting synthesis of pro-inflammatory cytokines like IFN-gamma, IL-2, IL-3, TNFalpha and GM-CSF made by cells such as macrophages and regulatory T-cells. IL-10 also displays potent abilities to suppress the antigen presentation capacity of antigen presenting cells. Kim et al.(1992) showed that the mouse il10 gene contains 5 exons and spans about 5.2 kb of genomic DNA. Eskdale et al.(1997) mapped the IL10 gene to the junction between 1q31 and 1q32.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the IL-10 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

An amino acid sequence from the N-terminus of human Interleukin-10 (DAFSRVKTFFQMKDQ) was used as the immunogen for this IL-10 antibody.

Storage

After reconstitution, the IL-10 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.