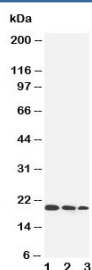


## IL-10 Antibody (R30421)

Catalog No.	Formulation	Size
R30421	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
<b>UniProt</b>	P22301
<b>Applications</b>	Western Blot : 0.5-1ug/ml
<b>Limitations</b>	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.