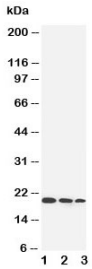
IL-10 Antibody (R30421)

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
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	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.

For a recombinant rabbit monoclonal with complementary IL-10 validation, see our IL-10 Antibody IL10/2651R / CSIF Antibody page.

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.

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