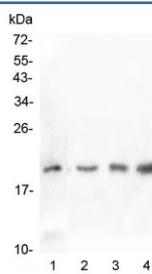


## IL10 Antibody (RQ4550)

Catalog No.	Formulation	Size
RQ4550	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P22301
Applications	Western Blot : 0.5-1ug/ml Direct ELISA : 0.1-0.5ug/ml (human recombinant protein)
Limitations	This IL10 antibody is available for research use only.



Western blot testing of 1) human U-87 MG, 2) rat testis, 3) mouse testis and 4) mouse SP20 lysate with IL10 antibody at 0.5ug/ml. Predicted molecular weight ~20 kDa.

### Description

Interleukin-10 (IL-10 or IL10), 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 IFNg, IL-2, IL-3, TNFa 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 IL 10 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

Optimal dilution of the IL10 antibody should be determined by the researcher.

## Immunogen

Amino acids S19-N178 from the human protein were used as the immunogen for the IL10 antibody.

## Storage

After reconstitution, the IL10 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.