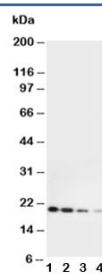


## Mouse IL-10 Antibody (R30117)

Catalog No.	Formulation	Size
R30117	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

Availability	1-3 business days
Species Reactivity	Mouse
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 0.025% sodium azide
UniProt	P18893
Applications	Western Blot : 0.5-1ug/ml ELISA : 0.1-0.5ug/ml (mouse protein tested)
Limitations	This mouse IL-10 antibody is available for research use only.



Western blot testing of mouse IL-10 antibody and Lane 1: Recombinant mouse protein 10ng; 2: 5ng; 3: 2.5ng; 4: 1.25ng

### 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 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

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

## Immunogen

Mouse partial recombinant protein (AA 19-178) was used as the immunogen for this mouse IL-10 antibody.

## Storage

After reconstitution, the mouse IL-10 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.