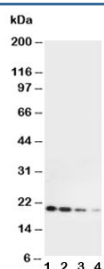


Mouse IL-10 Antibody (R30117)

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
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.