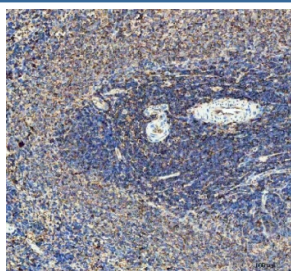


Rat Il10 Antibody (R30118)

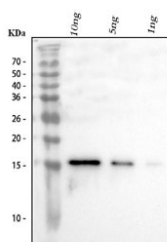
Catalog No.	Formulation	Size
R30118	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P29456
Applications	Western Blot : 0.5-1ug/ml Immunohistochemistry (FFPE) : 2-5ug/ml ELISA : 0.1-0.5ug/ml (rat protein tested)
Limitations	This Il10 antibody is available for research use only.



IHC staining of FFPE rat spleen tissue with Il10 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of Il10 antibody at 0.5ug/ml and recombinant rat protein: 10ng/lane, 5ng/lane and 1ng/lane.

Description

Interleukin-10 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.

Application Notes

Variations in secondary/substrate sensitivities and test protocols may require the IL10 antibody to be titrated for optimal performance.

Immunogen

Rat partial recombinant protein (AA 19-178) was used as the immunogen for this 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.