

Basic Information

Product Name	Anti-IL10 Antibody
Gene Name	IL10
Source	Rabbit
Clonality	Polyclonal
Isotype	IgG
Species Reactivity	human, mouse, rat
Tested Application	WB, ELISA
Contents	500 ug/ml antibody with PBS, 0.02% NaN ₃ , 1 mg/ml BSA and 50% glycerol.
Immunogen	E. coli-derived human IL10 recombinant protein (Position: S19-N178).
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Observed MW	21 kDa
Dilution Ratios	Western blot (WB):1:500-2000 ELISA: 1:100-1000

Storage

12 months from date of receipt, -20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.

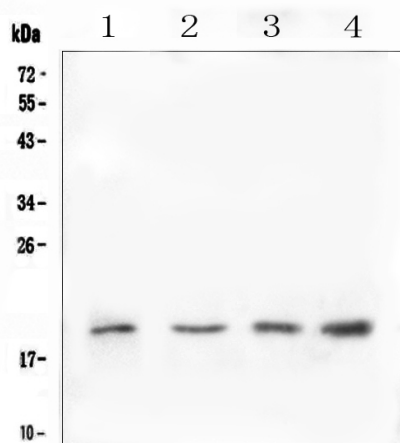
Background Information

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 IFN- γ , IL-2, IL-3, TNF α 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.

Reference

Anti-IL10 Antibody被引用在6文献中。

Selected Validation Data



Western blot analysis of IL10 using anti-IL10 antibody (A00021-2).

The sample well of each lane was loaded with 30 ug of sample under reducing conditions.

Lane 1: human U-87MG whole cell lysates,

Lane 2: rat testis tissue lysates,

Lane 3: mouse testis tissue lysates,

Lane 4: mouse SP20 whole cell lysates.

After electrophoresis, proteins were transferred to a membrane.

Then the membrane was incubated with rabbit anti-IL10 antigen affinity purified polyclonal antibody (A00021-2) at a dilution of 1:1000 and probed with a goat anti-rabbit IgG-HRP secondary

antibody (Catalog # BA1054). The signal is developed using ECL Plus Western Blotting Substrate (Catalog # AR1197). A specific

band was detected for IL10 at approximately 21 kDa. The expected band size for IL10 is at 21 kDa.