

IL10 Rabbit pAb

Catalog No.: A17501

Basic Information

Observed MW

Refer to figures

Calculated MW

21kDa

Category

Primary antibody

Applications

ELISA,IF/ICC

Cross-Reactivity

Human, Mouse, Rat

Background

The protein encoded by this gene is a cytokine produced primarily by monocytes and to a lesser extent by lymphocytes. This cytokine has pleiotropic effects in immunoregulation and inflammation. It down-regulates the expression of Th1 cytokines, MHC class II Ags, and costimulatory molecules on macrophages. It also enhances B cell survival, proliferation, and antibody production. This cytokine can block NF-kappa B activity, and is involved in the regulation of the JAK-STAT signaling pathway. Knockout studies in mice suggested the function of this cytokine as an essential immunoregulator in the intestinal tract. Mutations in this gene are associated with an increased susceptibility to HIV-1 infection and rheumatoid arthritis.

Recommended Dilutions

IF/ICC 1:50 - 1:200

Immunogen Information

Gene ID

3586

Swiss Prot

P22301

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 50-150 of human IL10 (NP_000563.1).

Synonyms

CSIF; TGIF; GVHDS; IL-10; IL10A; IL10

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

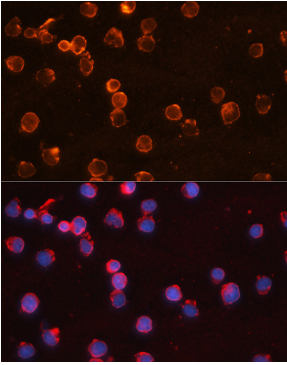
Affinity purification

Storage

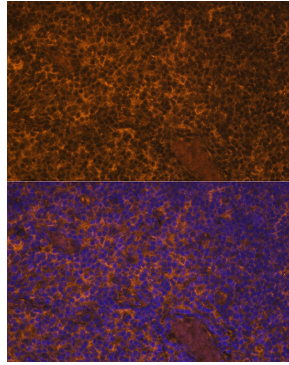
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.

Validation Data



Immunofluorescence analysis of Jurkat cells using IL10 Rabbit pAb (A17501) at dilution of 1:100. Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of paraffin-embedded Rat thymus using IL10 Rabbit pAb (A17501) at dilution of 1:100. Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.