A26212

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IL-10 Rabbit mAb

Catalog No.: A26212 Recombinant 1 Publications

Basic Information

Observed MW
18kDa

Calculated MW
21kDa

Category
Monoclonal Antibody

Applications
WB,ELISA

Cross-Reactivity
Human

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

WB	1:500 - 1:1000

Immunogen Information

Gene ID
3586

Swiss Prot
P22301

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

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

Contact

www.abclonal.com

Product Information

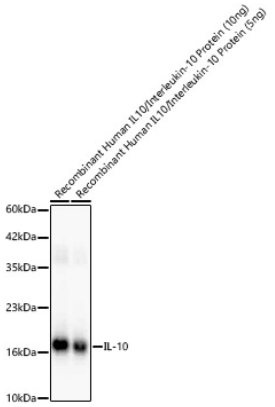
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃

Validation Data



Western blot analysis of Recombinant Human IL-10 Protein (RP00093) using IL-10 Rabbit mAb (A26212) at 1:1000 dilution incubated overnight at 4℃.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 10ng/5ng per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 10s.