

IL-10 Rabbit pAb

Catalog Number: bs-6761R

Target Protein: IL-10

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500)

Reactivity: Human, Mouse (predicted:Rat, Rabbit, Pig, Sheep, Chicken, GuineaPig)

Predicted MW: 18 kDa

Entrez Gene: 3586

Swiss Prot: P22301

Source: KLH conjugated synthetic peptide derived from human IL-10: 101-178/178.

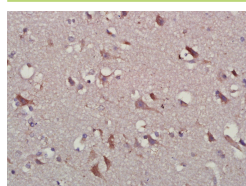
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

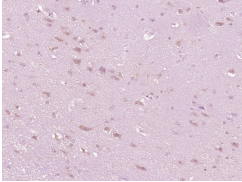
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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. [provided by RefSeq, May 2020]

VALIDATION IMAGES



Tissue/cell: human glioma tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-IL-10 Polyclonal Antibody, Unconjugated(bs-6761R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Paraformaldehyde-fixed, paraffin embedded (Human brain glioma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (IL-10) Polyclonal Antibody, Unconjugated (bs-6761R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

PRODUCT SPECIFIC PUBLICATIONS

[IF=17.521] Huan Lei. et al. A Combination Therapy Using Electrical Stimulation and Adaptive, Conductive Hydrogels Loaded with Self-Assembled Nanogels Incorporating Short Interfering RNA Promotes the Repair of Diabetic Chronic Wounds. *Advanced Science*. 2022 Sep;;2201425 IF ; Rat . 36064844

[IF=16.836] Leonard Siebert. et al. Light - Controlled Growth Factors Release on Tetrapodal ZnO - Incorporated 3D - Printed Hydrogels for Developing Smart Wound Scaffold. 2021 Feb 19 *IHC ; Mouse* . 10.1002/adfm.202007555

[IF=14.3] Huan Lei. et al. Nanocomposite Hydrogel for Real-Time Wound Status Monitoring and Comprehensive Treatment. *ADV SCI*. 2024 Sep;;2405924 IF ; Rat . 39269428

[IF=8] Hongqi Meng. et al. Hydrogels Containing Chitosan-Modified Gold Nanoparticles Show Significant Efficacy in Healing Diabetic Wounds Infected with Antibiotic-Resistant Bacteria. *INT J NANOMED*. 2024 Feb 18 IF ; Rat . 38406603

[IF=6.575] Qingqing Liu. et al. A Synbiotic Ameliorates Con A-Induced Autoimmune Hepatitis in Mice Through Modulation of Gut Microbiota And Immune Imbalance. *MOL NUTR FOOD RES*. 2023 Jan;;2200428 IF,IHC ; Mouse . 36708241