

bs-0698R**[Primary Antibody]**

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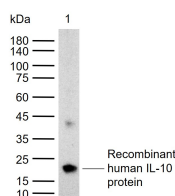
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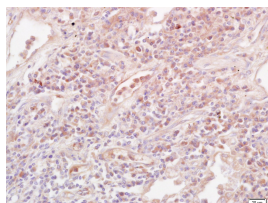
400-901-9800

IL-10 Rabbit pAb**— DATASHEET —**

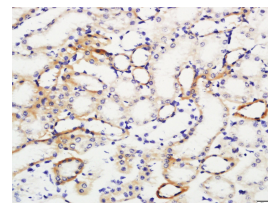
Host: Rabbit Clonality: Polyclonal GeneID: 3586 Target: IL-10 Immunogen: KLH conjugated synthetic peptide derived from human IL-10: 101-178/178. Purification: affinity purified by Protein A Concentration: 1mg/ml Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. 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]	Isotype: IgG SWISS: P22301	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 Subcellular Location: Secreted
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— VALIDATION IMAGES —

Sample: Lane 1: Recombinant human IL-10 protein, His (HEK293)(bs-43053P) Primary: Anti-IL-10 (bs-0698R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 18 kDa Observed band size: 21 kDa



Paraformaldehyde-fixed, paraffin embedded (Human lung cancer); 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-0698R) at 1:200 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining



Tissue/cell: mouse kidney 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-0698R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

— SELECTED CITATIONS —

- **[IF=24.897]** Yuan, Xulei. et al. Systemic antibiotics increase microbiota pathogenicity and oral bone loss. INT J ORAL SCI. 2023 Jan;15(1):1-14 IHC ;Mouse. 36631439
- **[IF=20.011]** Pylayeva-Gupta, Yuliya, et al. "IL-35 producing B cells promote the development of pancreatic neoplasia." Cancer discovery (2015): CD-15. IF ;="Mouse". 26715643

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

- **[IF=18]** Li, Danmei. et al. Restoring tendon microenvironment in tendinopathy: Macrophage modulation and tendon regeneration with injectable tendon hydrogel and tendon-derived stem cells exosomes. BIOACT MATER. 2025 Jan22;47:152–169 IHC ;rabbit. 39906648
- **[IF=15.1]** Shan Zhong. et al. Electrical and immune stimulation-based hydrogels synergistically realize scarless wound healing via amplifying endogenous electrophysiological function and promoting Macrophage Phenotype-Switching. CHEM ENG J. 2024 Jul;491:152048 IHC ;Rat,Rabbit. 10.1016/j.cej.2024.152048
- **[IF=15.1]** Yao Wu. et al. A self-assembled hydrogel dressing as multi-target therapeutics to promote wound healing. CHEM ENG J. 2023 Dec;477:147145 IHC ;Rat. 10.1016/j.cej.2023.147145