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

IL10 | IL-10 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 3586 **SWISS:** P22301

Target: IL10 | 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]

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

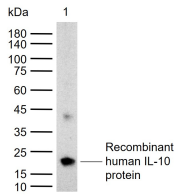
Reactivity: Human, Mouse (predicted: Rat, Rabbit, Pig, Sheep, Chicken, GuineaPig)

Predicted MW.: 18 kDa

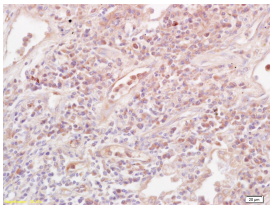
Observed MW.: 21 kDa

Subcellular Location: Secreted

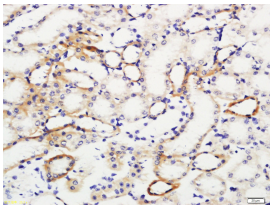
VALIDATION IMAGES



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=26.6]** Volpatti Lisa R.. et al. LDL-binding IL-10 reduces vascular inflammation in atherosclerotic mice. NAT BIOMED ENG. 2026 Jan;:1-12 IHC,IF ;Human,Mouse. 41482593
- **[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=21.3]** Liu Haoran. et al. A Bioflexible Janus Dressing with Unidirectional Drainage for Dynamic pH Monitoring,

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Exudate Management, and Immune Modulation in Diabetic Wound Healing. ADV FIBER MATER. 2026 Mar;:1-15 ;. 10.1007/s42765-025-00661-3

- **[IF=20.3]** Yushan Wang. et al. NsPEFs-enriched ADSCs-EVs alleviate osteoarthritis via RSPO3-mediated dual pro-chondrogenic and pro-M2 macrophage properties. BIOACT MATER. 2026 May;59:763-780 IHC ;Mouse. 41624077
- **[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

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