

Rabbit IL10 Polyclonal Antibody | anti-IL10 antibody

IL10 Polyclonal Antibody

CATALOG # AAA36935	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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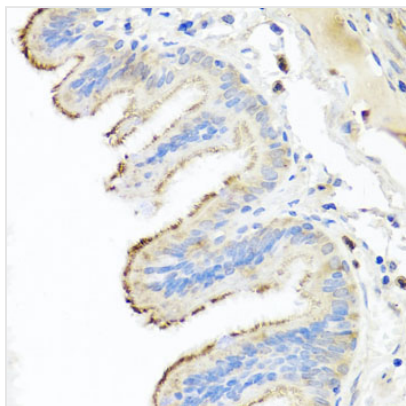
PRODUCT SYNONYMS

IL10; Polyclonal Antibody; IL10 Polyclonal Antibody; CSIF; GVHDS; IL-10; IL10A; TGIF; Interleukin-10; Cytokine synthesis inhibitory factor; anti-IL10 antibody

PRODUCT SPECIFICATIONS

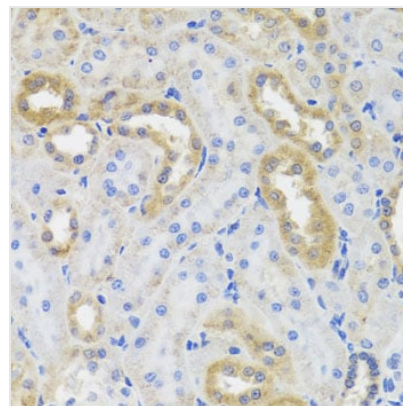
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	178
Applicable Applications for anti-IL10 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human IL10
Calculated Molecular Weight	19kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



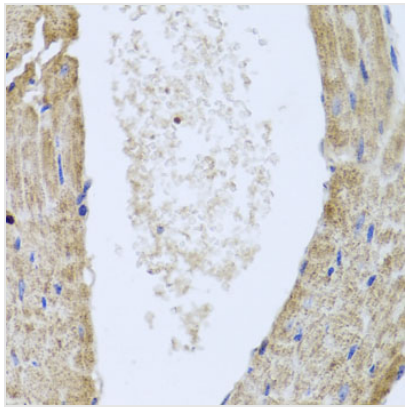
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human trachea using IL10 antibody at dilution of 1:100 (40x lens).

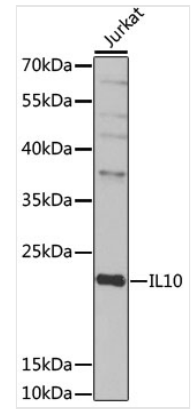


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat kidney using IL10 antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded mouse heart using IL10 antibody at dilution of 1:100 (40x lens).



WB (Western Blot)
Western blot analysis of extracts of Jurkat cells, using IL10 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 10s.

ADDITIONAL INFORMATION

Related Product Information for anti-IL10 antibody	IL-10 is an anti-inflammatory cytokine that is produced by T cells, NK cells and macrophages (1,2). IL-10 initiates signal transduction by binding to a cell surface receptor complex consisting of IL-10 RI and IL-10 RII (1). Binding of IL-10 leads to the activation of Jak1 and Tyk2, which phosphorylates Stat-3 (1,3). The anti-inflammatory activity of IL-10 is due to its ability to block signaling through other cytokine receptors, notably IFNgamma receptor, by upregulating expression of SOCS-1 (1,3). In addition, IL-10 promotes T cell tolerance by inhibiting tyrosine phosphorylation of CD28 (4,5). IL-10 is an important negative regulator of the immune response, which allows for maintenance of pregnancy (1). In contrast, increased IL-10 levels contribute to persistent Leishmania major infections (6).
Product Categories/Family for anti-IL10 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	124292
NCBI GeneID	3586
UniProt Accession #	P22301
Molecular Weight	178
NCBI Official Full Name	Interleukin-10
NCBI Official Synonym Full Names	interleukin 10
NCBI Official Symbol	IL10
NCBI Official Synonym Symbols	CSIF; TGIF; GVHDS; IL-10; IL10A
NCBI Protein Information	interleukin-10; T-cell growth inhibitory factor; cytokine synthesis inhibitory factor
UniProt Protein Name	Interleukin-10
UniProt Gene Name	IL10
UniProt Synonym Gene Names	IL-10; CSIF
UniProt Entry Name	IL10_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

