

Rabbit IL10 Polyclonal Antibody | anti-IL10 antibody

IL10 Antibody (Center)

CATALOG # AAA286719	HOST Rabbit	REACTIVITY Human (Predicted Reactivity: EBV, Monkey)	APPLICATIONS Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot
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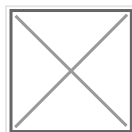
PRODUCT SYNONYMS

IL10; Polyclonal Antibody; IL10 Antibody (Center); Interleukin-10; IL-10; Cytokine synthesis inhibitory factor; CSIF; anti-IL10 antibody

PRODUCT SPECIFICATIONS

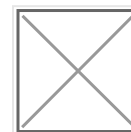
Host	Rabbit
Reactivity	Human (Predicted Reactivity: EBV, Monkey)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This IL10 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 27-53 amino acids from the Central region of human IL10.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	27-53
Sequence Length	178
Applicable Applications for anti-IL10 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

IL10 Antibody (Center) flow cytometry analysis of Jurkat cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human breast carcinoma reacted with IL10 Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)

Western blot analysis of IL10 Antibody (Center) in MDA-MB435 cell line lysates (35ug/lane).
IL10 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-IL10 antibody	The protein 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.
Product Categories/Family for anti-IL10 antibody	Cancer; Immunology; Signal Transduction
References	Trajkov,D., et.al., Indian J Tuberc 56 (3), 117-131 (2009) Kim,J.M., et.al., J. Immunol. 148 (11), 3618-3623 (1992)

NCBI AND UNIPROT INFORMATION

NCBI GI #	10835141
NCBI GeneID	3586
NCBI Accession #	NP_000563.1
NCBI GenBank Nucleotide #	NM_000572.2
UniProt Accession #	P22301
Molecular Weight	20517
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
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/il10-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/286719>