

## Anti-Interleukin-10 IL10 Antibody Picoband® Biotin Conjugated

Catalog Number: PA1354-Biotin

### About IL10

Interleukin-10 (IL-10 or IL10), also known as human cytokine synthesis inhibitory factor (CSIF), is an anti-inflammatory cytokine. In humans IL-10 is encoded by the IL10 gene. It is capable of inhibiting synthesis of pro-inflammatory cytokines like IFN-gamma, IL-2, IL-3, TNFalpha and GM-CSF made by cells such as macrophages and regulatory T-cells. IL-10 also displays potent abilities to suppress the antigen presentation capacity of antigen presenting cells. Kim et al. (1992) showed that the mouse IL 10 gene contains 5 exons and spans about 5.2 kb of genomic DNA. Eskdale et al. (1997) mapped the IL10 gene to the junction between 1q31 and 1q32.

### Overview

Product Name	Anti-Interleukin-10 IL10 Antibody Picoband® Biotin Conjugated
Reactive Species	Human
Application	WB, IHC, ELISA
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.02% NaN <sub>3</sub> .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	P22301

### Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human IL10.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Biotin
Suggested Dilutions	Western blot, Optimal dilutions should be determined by end users. Immunohistochemistry (Paraffin-embedded Section), Optimal dilutions should be determined by end users. ELISA, Optimal dilutions should be determined by end users.

## 17 Publications Citing This Product

1. PubMed ID: 25245263, Zhan X, Jia L, Niu Y, Qi H, Chen X, Zhang Q, Zhang J, Wang Y, Dong L, Wang C. Biomaterials. 2014 Dec;35(38):10046-57. Doi: 10.1016/J.Biomaterials.2014.09.007. Epub 2014 Sep 22. Targeted Depletion Of Tumour-Associated Macrophages By An Alendronate-...

2. PubMed ID: 26083117, Protective Effect of the Total Saponins from Rosa laevigata Michx Fruit against Carbon Tetrachloride-Induced Liver Fibrosis in Rats

3. PubMed ID: 22594905, Zhong B, Shen H, Sun X, Wang H, Zhang Y, Sun Z. Cancer Biother Radiopharm. 2012 May;27(4):252-8. Doi: 10.1089/Cbr.2011.1105. Additive Effects Of Ulinastatin And Docetaxel On Growth Of Breast Cancer Xenograft In Nude Mice And Expression Of Pge2, Il...

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