

Anti-Interleukin-10 IL10 Antibody Picoband® Fluoro488 Conjugated

Catalog Number: RP1016-Fluoro488

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® Fluoro488 Conjugated
Reactive Species	Rat
Application	Recommended applications are based on the parent unconjugated antibody (ELISA, IHC, WB). Customers may select suitable applications according to their experimental needs.
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% NaN ₃ .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	P29456

Technical Details

Immunogen	E. coli-derived rat IL-10 recombinant protein (Position: S19-N178).
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Fluoro488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Suggested Dilutions	Optimal dilutions should be determined by end users.

20 Publications Citing This Product

1. PubMed ID: PMID:27347328, Pentoxifylline inhibits pulmonary inflammation induced by infrarenal aortic cross-clamping dependent of adenosine receptor A2A
2. PubMed ID: 10.1177/1744806918788681, Nuclear factor kappa B regulated monocyte chemoattractant protein-1/chemokine CC motif receptor-2 expressing in spinal cord contributes to the maintenance of cancer-induced bone pain in rats:
3. PubMed ID: 10.1002/cbf.1523, Inhibitory effect of mesenchymal stem cells on lymphocyte proliferation

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