

Product datasheet for **TA388905**

IL10 Mouse Monoclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	Sandwich ELISA: In a sandwich ELISA (assuming 100 ul/well), a concentration of 8.0-10.0 µg/ml of this antibody will detect at least 2000pg/ml of Recombinant Human IL-10 when used with ProSci's Biotinylated Antigen Affinity Purified anti-Human IL-10 as the detection antibody at a concentration of approximately 0.05- 0.10 µg/ml. Western Blot To detect Human IL-10 by Western Blot analysis this antibody can be used at a concentration of 0.25-0.50 µg/ml. When used in conjunction with compatible secondary reagents the detection limit for Recombinant Human IL-10 is 4.0-8.0 ng/lane, under reducing or non-reducing conditions.
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Immunogen:	Produced in BALB/c mice immunized with highly pure Recombinant Human IL-10. Anti-Human IL-10-specific antibody was purified from tissue culture supernatant by Protein A affinity chromatography.
Concentration:	lot specific
Purification:	IL-10-specific antibody was purified from tissue culture supernatant by Protein A affinity chromatography
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Database Link:	P22301



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Background:

IL-10 is an immunosuppressive cytokine produced by a variety of mammalian cell types including macrophages, monocytes, T cells, B cells and keratinocytes. IL-10 inhibits the expression of proinflammatory cytokines such as IL-1 and TNF-alpha. Like IL-4, IL-10 enhances humoral immune responses and attenuates cell-mediated immune reactions. Human IL-10 is active on murine cells, but murine IL-10 is inactive on human cells. Recombinant Human IL-10 is an 18.6 kDa protein of 161 amino acid residues.