

Product datasheet for **AM31967PU-N**

IL10 Mouse Monoclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	ELISA: In a Sandwich ELISA (assuming 100 µl/well), a concentration of 8.0-16.0 µg/ml of this antibody will detect at least 500 pg/well of recombinant Rat IL-10 when used in conjunction with Biotinylated antigen affinity purified anti-Rat IL-10 (<i>Cat.-No</i> PP1115B1/PP1115B2) as the detection antibody at a concentration of at least 0.5-1.0 µg/ml. Western Blot: To detect Rat IL-10 by Western Blot analysis this antibody can be used at a concentration of 0.5-1.0 µg/ml. When used in conjunction with compatible secondary reagents the detection limit for recombinant Rat IL-10 is 0.5-1.0 ng/lane, under reducing or non-reducing conditions.
Reactivity:	Rat
Host:	Mouse
Clonality:	Monoclonal
Immunogen:	<i>E.coli</i> derived Recombinant Rat IL-10 (<i>Cat.-No</i> PA041).
Specificity:	This antibody recognizes Interleukin-10 / IL10
Formulation:	PBS State: Aff - Purified State: Lyophilized purified tissue culture
Reconstitution Method:	Centrifuge the vial prior to opening and restore in water to a concentration of 1.0 mg/ml.
Purification:	Affinity Chromatography Protein A
Conjugation:	Unconjugated
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	interleukin 10
Database Link:	Entrez Gene 25325 Rat P29456



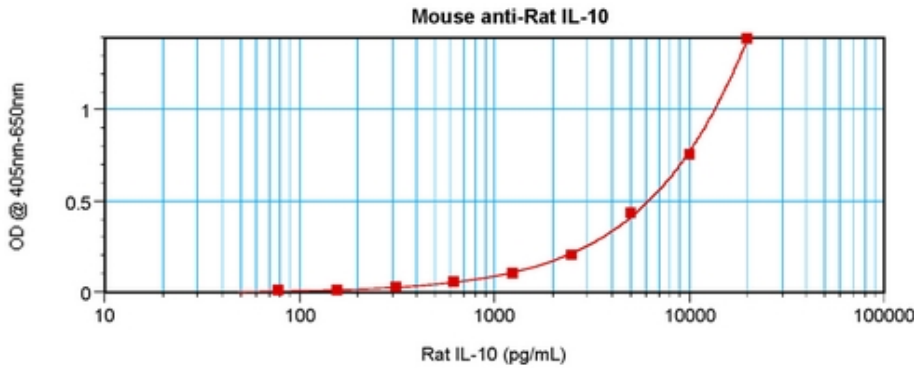
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Background:

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.

Synonyms:

IL-10, CSIF, TGIF

Product images:

Sandwich ELISA using Mouse anti-Rat IL10 antibody