

IL10

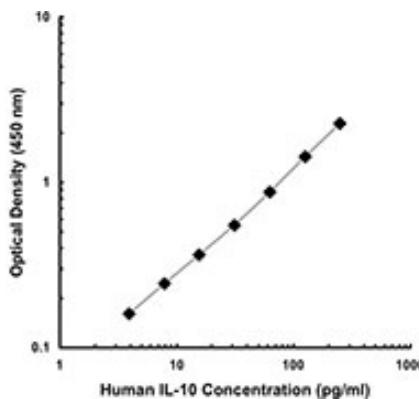
Rat Anti-Human IL-10 Clone JES3-12G8 Biotin mAb

Catalog No.	CSI10074 CSI10075	Quantity:	50 µg 0.5 mg
Alternate Names:	Interleukin-10, B cell derived T cell growth factor (B-TCGF), Cytokine synthesis inhibitory factor (CSIF), T-cell growth inhibitory factor (TGIF)		
Description:	IL-10 was originally described as Cytokine Synthesis Inhibitory Factor (CSIF) by virtue of its ability to inhibit cytokine production by Th1 clones. IL-10 shares over 80% sequence homology with the Epstein-Barr virus protein BCRFI. The biological activities of IL-10 include inhibition of macrophage-mediated cytokine synthesis, suppression of the delayed type hypersensitivity response, and stimulation of the Th2 cell response, which results in elevated antibody production. The JES3-12G8 antibody reacts with human and viral interleukin-10 (IL-10). The JES3-12G8 antibody can neutralize the bioactivity of natural or recombinant IL-10.		
Concentration:	0.5 mg/ml		
Gene ID:	3569		
Host:	Rat		
Immunogen:	COS - expressed, recombinant human IL-10		
Isotype:	Rat IgG2a, κ		
Clone:	JES3-12G8		
Bioactivity:	Inhibit IFN-γ, TNF-β, IL-2 production by T _H 1 clones; inhibits macrophage-mediated IL-1, IL-6, TNF-α synthesis; suppress delayed type hypersensitivity response; stimulate T _H 2 cell response; mast cell proliferation.		
Formulation:	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
Purification:	The antibody was purified by affinity chromatography, and conjugated with biotin under optimal conditions. The solution is free of unconjugated biotin.		
Reactivity:	Human		
Applications:	ELISA Detection, ELISPOT Detection		
Recommended Usage:			



Each lot of this antibody is quality control tested by ELISA assay. For ELISA detection applications, a concentration range of 0.25-1.0 µg/ml is recommended. To obtain a linear standard curve, serial dilutions of IL-10 recombinant protein ranging from 500 to 2 pg/ml are recommended for each ELISA plate. For use as an ELISPOT detection antibody, a concentration range of 1-4 µg/ml is recommended. It is recommended that the reagent be titrated for optimal performance for each application.

Storage & Stability: The antibody solution should be stored undiluted at 2-4°C. **Do not freeze**



NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



Cell Sciences®
480 Neponset Street
Bldg 12A
Canton, MA 02021

Toll Free: 888-769-1246
Phone: 781-828-0610
Fax: 781-828-0542

E-mail: info@cellsciences.com
Website: www.cellsciences.com