

IL10

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

Catalog No.	CSI10077	Quantity:	0.5 mg
Alternate Names:	Interleukin-10, B-TCGF, CSIF, 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 BCRF1. 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.		
Reactivity:	Human		
Applications:	ELISA, ICFC, IHC, WB		
Recommended Usage:	Each lot of this antibody is quality control tested by ELISA assay. For ELISA capture applications, a concentration range of 2-6 μ g/ml is recommended. To obtain a linear standard curve, serial dilutions of IL-10 recombinant protein ranging from 250 to 2 pg/ml are recommended for each ELISA plate. 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		

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