

## IL10

### Rat Anti-Human IL-10 Clone JES3-19F1 LE/NA mAb

<b>Catalog No.</b>	CSI10138 CSI10139	<b>Quantity:</b>	50 µg 0.5 mg
<b>Alternate Names:</b>	Interleukin-10, B cell derived T cell growth factor (B-TCGF), Cytokine synthesis inhibitory factor (CSIF), T-cell growth inhibitory factor (TGIF)		
<b>Description:</b>	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 JES3-19F1 antibody reacts with human and viral interleukin-10 (IL-10). The JES3-19F1 antibody can neutralize the bioactivity of natural or recombinant IL-10.		
<b>Concentration:</b>	1.0 mg/ml		
<b>Gene ID:</b>	3586		
<b>Host:</b>	Rat		
<b>Immunogen:</b>	COS-expressed recombinant human IL-10		
<b>Isotype:</b>	Rat IgG2a, κ		
<b>Clone:</b>	JES3-19F1		
<b>Bioactivity:</b>	Inhibit IFN-γ, TNF-β, IL-2 production by T <sub>H</sub> 1 clones; inhibits macrophage-mediated IL-1, IL-6, TNF-α synthesis; suppress delayed type hypersensitivity response; stimulate T <sub>H</sub> 2 cell response; mast cell proliferation in		
<b>Formulation:</b>	Phosphate-buffered solution, pH 7.2, containing no preservative. 0.2 µm filter sterilized. Endotoxin level is < 0.1 EU/µg of the protein (< 0.01 ng/µg of the protein) as determined by the LAL test.		
<b>Purification:</b>	The (Low Endotoxin, Azide-Free) antibody was Purified by affinity chromatography.		
<b>Reactivity:</b>	Human		
<b>Applications:</b>	ELISA Capture, ELISPOT Capture, ICFC, IHC, Neut, WB		
<b>Recommended Usage:</b>	Each lot of this antibody is quality control tested by ELISA assay. For use as an ELISPOT capture antibody, a concentration range of 4-8 µg/ml is recommended. For ELISA capture applications, a concentration range of 2-6 µg/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.		
<b>Storage &amp; Stability:</b>	The antibody solution should be stored undiluted at 2-4°C. <b>Do not freeze. This LE/NA solution contains no preservative; handle under aseptic conditions.</b>		

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



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