



# Anti-IL10 monoclonal antibody, clone JES3-12G8 [Biotin] (CABT-48535RH)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Rat anti Human Interleukin-10 antibody, clone JES3-12G8 recognizes human Interleukin-10 (IL-10). IL-10 is expressed by activated CD8+ peripheral blood T-cells, activated T-helper CD4+ T cell clones mast cells, B cell lymphomas and LPS activated monocytes. Rat anti Human Interleukin-10 antibody, clone JES3-12G8 is reported to neutralize the effects of IL-10. Flow Cytometry Use 10ul of the suggested working dilution to label 1x10 <sup>6</sup> cells in 100ul. ELISA This product may be used in a direct ELISA or as a detection reagent in a sandwich ELISA.
<b>Specificity</b>	IL10
<b>Immunogen</b>	Human IL-10 expressed by COS cells.
<b>Isotype</b>	IgG2a
<b>Source/Host</b>	Rat
<b>Species Reactivity</b>	Human
<b>Clone</b>	JES3-12G8
<b>Conjugate</b>	Biotin
<b>Applications</b>	ELISA; FC; WB
<b>Format</b>	Purified IgG conjugated to Biotin - liquid
<b>Size</b>	200 µg
<b>Preservative</b>	0.09% Sodium Azide
<b>Storage</b>	in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend

microcentrifugation before use.

## GENE INFORMATION

Gene Name	<a href="#">IL10 interleukin 10 [ Homo sapiens (human) ]</a>
Official Symbol	IL10
Synonyms	IL10; interleukin 10; CSIF; TGIF; GVHDS; IL-10; IL10A; interleukin-10; T-cell growth inhibitory factor; cytokine synthesis inhibitory factor;
Entrez Gene ID	<a href="#">3586</a>
Protein Refseq	<a href="#">NP_000563</a>
UniProt ID	P22301
Chromosome Location	1q31-q32
Pathway	African trypanosomiasis; Allograft Rejection; Allograft rejection; Amoebiasis; Asthma; Autoimmune thyroid disease; Chagas disease (American trypanosomiasis); Cytokine-cytokine receptor interaction;
Function	cytokine activity; growth factor activity; interleukin-10 receptor binding;