



# Anti-IL10 monoclonal antibody, clone JES5-16E3 (CABT-48544RM)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Rat anti mouse IL-10, clone JES5-16E3, recognizes mouse Interleukin-10. IL-10 is an immunoregulatory cytokine that inhibits the synthesis of other cytokines. IL-10 is expressed by (B-1) B cells that express CD5 (Ly-1) and a subset of lectin stimulated T cells. Clone JES5-16E3 is reported to neutralise IL-10. Removal of sodium azide is recommended prior to using this clone in functional assays. Flow Cytometry Use 10ul of the suggested working dilution to label 1x10 <sup>6</sup> cells in 100ul.
<b>Specificity</b>	IL10
<b>Immunogen</b>	T cell derived murine IL-10.
<b>Isotype</b>	IgG2b
<b>Source/Host</b>	Rat
<b>Species Reactivity</b>	Mouse
<b>Clone</b>	JES5-16E3
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA; FC; WB
<b>Format</b>	Purified IgG - liquid
<b>Size</b>	500 µg
<b>Preservative</b>	See individual product datasheet
<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.

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## GENE INFORMATION

Gene Name	<a href="#">Il10 interleukin 10 [ Mus musculus (house mouse) ]</a>
Official Symbol	IL10
Synonyms	IL10; interleukin 10; CSIF; Il-10; interleukin-10; cytokine synthesis inhibitory factor;
Entrez Gene ID	<a href="#">16153</a>
Protein Refseq	<a href="#">NP_034678</a>
Chromosome Location	1 E4; 1 56.89 cM
Pathway	African trypanosomiasis; Allograft rejection; Amoebiasis; Asthma; Autoimmune thyroid disease; Chagas disease (American trypanosomiasis); Cytokine-cytokine receptor interaction; Cytokines and Inflammatory Response (BioCarta);
Function	cytokine activity; interleukin-10 receptor binding;