



# Anti-IL2 monoclonal antibody, clone JES6-5H4 [R-PE] (CABT-48490RM)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Rat anti Mouse Interleukin-2 antibody, clone JES6-5H4 recognizes natural and recombinant murine IL-2. Rat anti Mouse Interleukin-2 antibody, clone JES6-5H4 does not function as a blocking antibody. Flow Cytometry Use 10ul of the suggested working dilution to label 1x10 <sup>6</sup> cells in 100ul.
<b>Specificity</b>	IL2
<b>Immunogen</b>	Recombinant Mouse IL-2
<b>Isotype</b>	IgG2b
<b>Source/Host</b>	Rat
<b>Species Reactivity</b>	Mouse
<b>Clone</b>	JES6-5H4
<b>Conjugate</b>	PE
<b>Applications</b>	FC
<b>Format</b>	Purified IgG conjugated to R. Phycoerythrin (RPE) - lyophilised
<b>Size</b>	100 tests
<b>Preservative</b>	0.09% Sodium Azide
<b>Storage</b>	Store at +4°C. DO NOT FREEZE This product should be stored undiluted. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use.

# GENE INFORMATION

Gene Name	<a href="#">IL2 interleukin 2 [ Mus musculus (house mouse) ]</a>
Official Symbol	IL2
Synonyms	IL2; interleukin 2; Il-2; interleukin-2; TCGF; T-cell growth factor;
Entrez Gene ID	<a href="#">16183</a>
Protein Refseq	<a href="#">NP_032392</a>
UniProt ID	P04351
Chromosome Location	3 B-C; 3 18.3 cM
Pathway	Allograft rejection; Autoimmune thyroid disease; Chagas disease (American trypanosomiasis); Cytokine Signaling in Immune system; Cytokine-cytokine receptor interaction; Cytokines and Inflammatory Response (BioCarta); G beta:gamma signalling through PI3Kgamma; G-protein beta:gamma signalling;
Function	carbohydrate binding; cytokine activity; glycosphingolipid binding; growth factor activity; interleukin-2 receptor binding; kappa-type opioid receptor binding;