



# Anti-IL4 monoclonal antibody, clone BVD6-24G2 [Biotin] (CABT-48506RM)

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

## PRODUCT INFORMATION

### Product Overview

Rat anti Mouse Interleukin-4 antibody, clone BVD6-24G2 recognizes mouse Interleukin-4 (IL-4). Interleukin-4 is a potent lymphoid cell growth factor, which stimulates the growth and survival of certain B and T cells. Rat anti Mouse Interleukin-4 antibody, clone BVD6-24G2 is not reported to have neutralising activity. Flow Cytometry Use 10ul of the suggested working dilution to label 106 cells in 100ul.

<b>Specificity</b>	IL4
<b>Immunogen</b>	Recombinant murine IL-4
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Rat
<b>Species Reactivity</b>	Mouse
<b>Clone</b>	BVD6-24G2
<b>Conjugate</b>	Biotin
<b>Applications</b>	IHC-Fr; ELISA; FC
<b>Format</b>	Ig Fraction conjugated to Biotin - 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.

# GENE INFORMATION

Gene Name	<a href="#">Il4 interleukin 4 [ <i>Mus musculus</i> (house mouse) ]</a>
Official Symbol	IL4
Synonyms	IL4; interleukin 4; II-4; BSF-1; interleukin-4; IGG1 induction factor; B-cell growth factor 1; B-cell stimulatory factor 1; lymphocyte stimulatory factor 1; B-cell IgG differentiation factor;
Entrez Gene ID	<a href="#">16189</a>
Protein Refseq	<a href="#">NP_067258</a>
UniProt ID	P07750
Chromosome Location	11 B1.3; 11 31.97 cM
Pathway	Allograft rejection; Asthma; Autoimmune thyroid disease; Cytokine-cytokine receptor interaction; Cytokines and Inflammatory Response (BioCarta); Fc epsilon RI signaling pathway; Hematopoietic cell lineage; IL-4 signaling Pathway;
Function	cytokine activity; cytokine receptor binding; growth factor activity; interleukin-4 receptor binding;