



Anti-IL5 polyclonal antibody [Biotin] (CPBT-65402RH)

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

PRODUCT INFORMATION

Product Overview

Rabbit anti Human Interleukin-5 antibody recognizes human IL-5 (Interleukin-5), a disulphide-linked homodimer consisting of two 115 amino acid chains, which is homologous to mouse eosinophil differentiation factor (EDF) and is produced by mast cells, eosinophils and T cells. IL-5 is a lineage-specific cytokine involved in the development and stimulation of eosinophils, and has been linked with diseases involving abnormally high levels of eosinophils, including parasitic infections and allergic airways eosinophilia, the major pathological symptom of allergic asthma. ELISA This antibody may be used in a direct ELISA or as the detection reagent in a sandwich ELISA.

Specificity	IL5
Immunogen	Recombinant human IL-5
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Conjugate	Biotin
Applications	ELISA; WB
Format	Purified IgG conjugated to Biotin - lyophilised
Size	50 µg
Preservative	None
Storage	in frost-free freezers is not recommended. This product should be stored undiluted. 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	IL5 interleukin 5 [Homo sapiens (human)]
Official Symbol	IL5
Synonyms	IL5; interleukin 5; EDF; TRF; IL-5; interleukin-5; T-cell replacing factor; B-cell differentiation factor I; eosinophil differentiation factor; colony-stimulating factor, eosinophil;
Entrez Gene ID	3567
Protein Refseq	NP_000870
UniProt ID	P05113
Chromosome Location	5q31.1
Pathway	Allograft Rejection; Allograft rejection; Asthma; Autoimmune thyroid disease; Calcineurin-regulated NFAT-dependent transcription in lymphocytes; Cytokine Signaling in Immune system; Cytokine-cytokine receptor interaction; Cytokines and Inflammatory Response;
Function	cytokine activity; growth factor activity; interleukin-5 receptor binding; protein binding;