



Anti-IL17F polyclonal antibody (CPBT-65648RH)

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

PRODUCT INFORMATION

Product Overview

This product is specific for human IL-17F (interleukin-17F), a disulphide-linked homodimer consisting of two 133 amino acid chains, which belongs to the IL-17 gene family and shares the highest sequence homology with IL-17A. IL-17F is expressed by activated CD4+ T-cells and monocytes, and acts as a stimulator of cytokine production, including granulocyte colony-stimulating factor (GM-CSF), IL-6 and IL-8. IL-7F also stimulates the production of IL-2, MCP-1 (monocyte chemotactic protein-1) and TGFB (Transforming growth factor beta) by endothelial cells, and inhibits endothelial cell angiogenesis. has been used in neutralisation assays where 50% inhibition (ND50) of the biological activity of 50ng/ml of human IL-17F was achieved using 0.9-1.2ug/ml of antibody. ELISA is suitable for use in an indirect ELISA for the measurement of human IL-17F, or in combination with B in a sandwich ELISA system.

Specificity	IL17F
Immunogen	Recombinant human IL-17F
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Conjugate	Unconjugated
Applications	ELISA; FA; WB
Format	Purified IgG - lyophilised
Size	100 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	IL17F interleukin 17F [Homo sapiens (human)]
Official Symbol	IL17F
Synonyms	IL17F; interleukin 17F; ML1; ML-1; CANDF6; IL-17F; interleukin-17F; cytokine ML-1;
Entrez Gene ID	112744
Protein Refseq	NP_443104
UniProt ID	Q96PD4
Chromosome Location	6p12
Pathway	IL17 signaling pathway; IL23-mediated signaling events; Inflammatory bowel disease (IBD);
Function	cytokine activity; cytokine binding; cytokine receptor binding; protein homodimerization activity;