IL17C Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	IL17C, Polyclonal Antibody
Full Product Name	IL17C (Interleukin-17C, IL-17C, Cytokine CX2, UNQ561/PRO1122) (MaxLight 750)
Product Gene Name	anti-IL17C antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight750.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human IL17C.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	21,765 Da
3D Structure	ModBase 3D Structure for Q9P0M4
Immunogen	Full length human IL17C, aa1-197 (NP_037410.1).
Immunogen Sequence	MTLLPGLLFLTWLHTCLAHHDPSLRGHPHSHGTPHCYSAEELPLGQAPPHLLARGAKWGQALPVALVSSLEAASHRGRHERPSATTQCPVLRPEEVLEA
Conjugate	MaxLight750
Note	Preservative Free
Product Categories/Family for anti-IL17C antibody	Antibodies; Interleukin
Applications Tested/Suitable for anti-IL17C antibody	Western Blot (WB)
Application Notes for anti-IL17C antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-IL17C antibody	Stimulates the release of tumor necrosis factor alpha and IL-1-beta from the monocytic cell line THP-1.
Other Notes	Small volumes of anti-IL17C antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necess and additional dry ice fee may apply.

Searchable Terms for IL17C purchase	MBS6382627 is an antibody targeting IL17C. Also known as IL17C (Interleukin-17C, IL-17C, Cytokine CX2, UNQ561/PRO1122) (MaxLight 750). React

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for IL17C. It may not necessarily be applicable to this product.

NCBI GI #	7019435
NCBI GeneID	27189
NCBI Accession #	NP_037410.1
UniProt Primary Accession #	Q9P0M4
UniProt Secondary Accession #	Q3MIG8; Q9HC75
UniProt Related Accession #	Q9P0M4
GenBank Nucleotide #	NM_013278
NCBI Official Full Name	interleukin-17C
NCBI Official Synonym Full Names	interleukin 17C
NCBI Official Symbol	IL17C
NCBI Official Synonym Symbols	CX2; IL-17C
UniProt Protein Name	Interleukin-17C
UniProt Synonym Protein Names	Cytokine CX2
Protein Family	Interleukin
UniProt Gene Name	IL17C
UniProt Synonym Gene Names	IL-17C
NCBI Protein Information	interleukin-17C
NCBI Summary for IL17C	The protein encoded by this gene is a T cell-derived cytokine that shares the sequence similarity with IL17. This cytokine was reported to stimulate the release of tumor necrosis factor alpha and interleukin 1 beta from a monocytic cell line. The expression of this cytokine was found to be restricted to activated T cells. [provided by RefSeq, Jul 2008]
UniProt Comments for IL17C	Cytokine that plays a crucial role in innate immunity of the epithelium, including to intestinal bacterial pathogens, in an autocrine manner. Stimulates the production of antibacterial peptides and proinflammatory molecules for host defense by signaling through the NF-kappa-B and MAPK pathways. Acts synergically with IL22 in inducing the expression of antibacterial peptides, including S100A8, S100A9, REG3A and REG3G. Synergy is also observed with TNF and IL1B in inducing DEFB2 from keratinocytes. Depending on the type of insult, may have both protective and pathogenic properties, either by maintaining epithelial homeostasis after an inflammatory challenge or by promoting inflammatory phenotype. Enhanced IL17C/IL17RE signaling may also lead to greater susceptibility to autoimmune diseases.
Research Articles on IL17C	**1.** Inflammatory cell expression of IL-9 and IL-17C were increased in chronic rhinosinusitis, particularly with allergy and asthma. These interleukins may contribute to the pathogenesis of chronic rhinosinusitis with nasal polyps as well as atopy and may serve as therapeutic targets for disease management
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