IL-17C Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	IL-17C, Polyclonal Antibody
Full Product Name	IL-17C Polyclonal Conjugated Antibody
Product Gene Name	anti-IL-17C antibody
Product Synonym Names	Interleukin-17C (IL-17C) (Cytokine CX2)
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Specificity	The antibody detects endogenous IL-17C
Preparation and Storage	Store at 4 degree C for 6 months.
Molecular Weight	21,765 Da
3D Structure	ModBase 3D Structure for Q9P0M4
Immunogen	Synthetic peptide from human protein at AA range: 81-130
Conjugation	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Excitation Emission	AF350: 346nm/442nm
Applications Tested/Suitable for anti-IL-17C antibody	Most Applications
Application Notes for anti-IL-17C antibody	Suggested Dilution: AF350 conjugated: most applications: 1:50-1:250 AF405 conjugated: most applications: 1:50-1:250 AF488 conjugated: most applications: 1:50-1:250 AF555 conjugated: most applications: 1:50-1:250 AF594 conjugated: most applications: 1:50-1:250 AF647 conjugated: most applications: 1:50-1:250 AF680 conjugated: most applications: 1:50-1:250 AF750 conjugated: most applications: 1:50-1:250 Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1:50-1:1000
Related Product Information for anti-IL-17C antibody	MBS9454750 is an antibody targeting IL-17C. Also known as IL-17C Polyclonal Conjugated Antibody. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-IL-17C antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for IL-17C. 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_013278.3
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 IL-17C	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 IL-17C	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 IL-17C	**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
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.

Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-antibody/il-17c/9454750