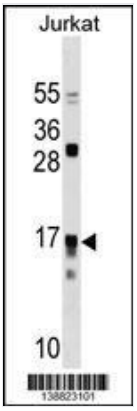
IL17RC Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	IL17RC, Polyclonal Antibody
Full Product Name	IL17RC, NT (IL17RC, Interleukin-17 receptor C, Interleukin-17 receptor homolog, Interleukin-17 receptor-like protein, ZcytoR14) (APC)
Product Gene Name	anti-IL17RC antibody
Product Synonym Names	IL17RC; Interleukin-17 receptor C; Interleukin-17 receptor homolog; Interleukin-17 receptor-like protein; ZcytoR14
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 Allophycocyanin (APC).
Purity/Purification	Purified by Protein A Affinity Chromatography.
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 amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: APC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	75,432 Da
OMIM	610925
3D Structure	ModBase 3D Structure for Q8NAC3
Immunogen	IL17RC antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 102-131 amino acids from the N-terminal region of human IL17RC.
Conjugate	APC
Note	Preservative Free
Special Handling	Light sensitive
Product Categories/Family for anti-IL17RC antibody	Antibodies; Interleukin
Applications Tested/Suitable for anti-IL17RC antibody	Western Blot (WB), FLISA
Application Notes for anti-IL17RC antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-IL17RC antibody	This gene encodes a single-pass transmembrane protein that shares limited similarity with the interleukin-17 receptor. Multiple alternatively spliced transcript variants encoding different isoforms have been detected for this gene, but the full-length nature of only three have been determined to date.
Product References and Citations for anti-IL17RC antibody	Pickens, S.R., et al. J. Immunol. 184(6):3233-3241(2010). Wright, J.F., et al. J. Immunol. 181(4):2799-2805(2008). Zrioual, S., et al. J. Immunol. 180(1):655-663(2008). Kuestner, R.E., et al. J. Immunol. 179(8):5462-5473(2007). Haudenschild, D.R., et al. Prostate 66(12):1268-1274(2006).

Other Notes	Small volumes of anti-IL17RC 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.
Searchable Terms for IL17RC purchase	MBS6309971 is an antibody targeting IL17RC. Also known as IL17RC, NT (IL17RC, Interleukin-17 receptor C, Interleukin-17 receptor homolog, Interleukin-17 receptor-like protein, ZcytoR14) (APC). Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-IL17RC antibody
IL17RC Antibody (N-term) western blot analysis in Jurkat cell line lysates (35ug/lane).This demonstrates the IL17RC antibody detected the IL17RC protein (arrow).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for IL17RC. It may not necessarily be applicable to this product.

NCBI GI #	90669934
NCBI GeneID	84818
NCBI Accession #	NP_116121.2
UniProt Primary Accession #	Q8NAC3
UniProt Secondary Accession #	Q6UVY3; Q6UWD4; Q8NFS1; Q9BR97; A8BWC1; A8BWC9; A8BWD5; E9PHG1; E9PHJ6
UniProt Related Accession #	Q8NAC3
GenBank Nucleotide #	NM_032732.5
NCBI Official Full Name	interleukin-17 receptor C isoform 3
NCBI Official Synonym Full Names	interleukin 17 receptor C
NCBI Official Symbol	IL17RC
NCBI Official Synonym Symbols	CANDF9; IL17RL; IL17-RL
UniProt Protein Name	Interleukin-17 receptor C
UniProt Synonym Protein Names	Interleukin-17 receptor homolog; IL17Rhom; Interleukin-17 receptor-like protein; IL-17RL; ZcytoR14
Protein Family	Interleukin-17 receptor
UniProt Gene Name	IL17RC
UniProt Synonym Gene Names	IL-17 receptor C; IL-17RC; IL17Rhom; IL-17RL
UniProt Entry Name	I17RC_HUMAN
NCBI Protein Information	interleukin-17 receptor C

NCBI Summary for IL17RC	This gene encodes a single-pass type I membrane protein that shares similarity with the interleukin-17 receptor (IL-17RA). Unlike IL-17RA, which is predominantly expressed in hemopoietic cells, and binds with high affinity to only IL-17A, this protein is expressed in nonhemopoietic tissues, and binds both IL-17A and IL-17F with similar affinities. The proinflammatory cytokines, IL-17A and IL-17F, have been implicated in the progression of inflammatory and autoimmune diseases. Multiple alternatively spliced transcript variants encoding different isoforms have been detected for this gene, and it has been proposed that soluble, secreted proteins lacking transmembrane and intracellular domains may function as extracellular antagonists to cytokine signaling. [provided by RefSeq, Feb 2011]
UniProt Comments for IL17RC	IL17RC: a single-pass type I membrane protein that shares similarity with the interleukin-17 receptor (IL-17RA). Unlike IL-17RA, which is predominantly expressed in hemopoietic cells, and binds with high affinity to only IL-17A, this protein is expressed in nonhemopoietic tissues, and binds both IL-17A and IL-17F with similar affinities. The proinflammatory cytokines, IL-17A and IL-17F, have been implicated in the progression of inflammatory and autoimmune diseases. Multiple alternatively spliced transcript variants encoding different isoforms have been detected for this gene, and it has been proposed that soluble, secreted proteins lacking transmembrane and intracellular domains may function as extracellular antagonists to cytokine signaling. [provided by RefSeq, Feb 2011] Protein type: Membrane protein, integral Chromosomal Location of Human Ortholog: 3p25.3|3p25.3-p24.1 Cellular Component: integral to plasma membrane Molecular Function: interleukin-17 receptor activity Biological Process: cytokine and chemokine mediated signaling pathway Disease: Candidiasis, Familial, 9
Research Articles on IL17RC	**1.** human IL-17RC is essential for mucocutaneous immunity to C. albicans but is otherwise largely redundant.
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.
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