IL-17RC Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	IL-17RC, Polyclonal Antibody
Full Product Name	IL-17RC Antibody
Product Gene Name	anti-IL-17RC antibody
Product Synonym Gene Name	IL17RC
Product Synonym Names	Interleukin-17 receptor C; IL-17 receptor C; IL-17RC; Interleukin-17 receptor homolog; IL17Rhom; Interleukin-17 receptor-like protein; IL-17RL; ZcytoR14
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH7.3, 30% glycerol, and 0.01% sodium azide.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of IL-17RC protein.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.
Molecular Weight	86,240 Da
Chromosome Location	Chromosome: 3; NC_000003.11 (9958758..9975305). Location: 3p25.3; 3p25.3-p24.1
OMIM	610925
3D Structure	ModBase 3D Structure for Q8NAC3
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human IL-17RC. The exact sequence is proprietary.
Product Categories/Family for anti-IL-17RC antibody	Primary Antibody
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-IL-17RC antibody	Western Blot (WB)
Application Notes for anti-IL-17RC antibody	WB: 1:500-1:1000
Related Product Information for anti-IL-17RC antibody	MBS8581586 is an antibody targeting IL-17RC. Also known as IL-17RC Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit. Rabbit polyclonal antibody to IL-17RC
Other Notes	Small volumes of anti-IL-17RC 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-17RC. It may not necessarily be applicable to this product.

NCBI GI #	322812168
NCBI GeneID	84818
NCBI Accession #	NP_001190192.1
UniProt Primary Accession #	Q8NAC3
UniProt Secondary Accession #	Q6UVY3; Q6UWD4; Q8NFS1; Q9BR97
UniProt Related Accession #	Q8NAC3
GenBank Nucleotide #	NM_001203263.1
NCBI Official Full Name	interleukin-17 receptor C isoform 4
NCBI Official Synonym Full Names	interleukin 17 receptor C
NCBI Official Symbol	IL17RC
NCBI Official Synonym Symbols	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; IL-17RL; IL17Rhom; zcytoR14; IL17F receptor; IL-17 receptor C; interleukin-17 receptor homolog; interleukin-17 receptor-like protein
NCBI Summary for IL-17RC	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 IL-17RC	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 IL-17RC	**1.** Data show that IL-17RA, IL-17RC, IL-22R1, ERK1/2 MAPK and NF-kappaB pathways are involved in Th17 cytokine-induced proliferation.
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