IL17A Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	IL17A, Polyclonal Antibody
Full Product Name	IL17A antibody
Product Gene Name	anti-IL17A antibody
Product Synonym Names	Polyclonal IL17A; Anti-IL17A; ILA 17; IL-17; IL-17A; CTLA-8; Interleukin 17A; ILA-17; IL17A
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Murine IL-17A
Form/Format	Lyophilized from PBS, pH 7.2.
Specificity	Murine IL-17A
Preparation and Storage	Store at -20 degree C until reconstitution. Following reconstitution product may be stored at 4 degree C in the short term. For long term storage aliquot and freeze at -20 degree C. Avoid repeated freeze/thaw cycles.
Molecular Weight	30.0 kDa (predicted detection band MW)
OMIM	603149
3D Structure	ModBase 3D Structure for Q16552
Immunogen	IL17A antibody was raised in rabbit using Produced from highly pure recombinant murine IL-17A as the immunogen.
Product Categories/Family for anti-IL17A antibody	Cytokines & Growth Factors; Purified Polyclonal Antibodies
Applications Tested/Suitable for anti-IL17A antibody	ELISA (EIA), Inhibition, Western Blot (WB)
Related Product Information for anti-IL17A antibody	MBS535826 is an antibody targeting IL17A. Also known as IL17A antibody. Reactive in Murine IL-17A. Host: Rabbit. Affinity purified Rabbit polyclonal IL17A antibody
Other Notes	Small volumes of anti-IL17A 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 IL17A. It may not necessarily be applicable to this product.

NCBI GI #	4504651
NCBI GeneID	3605
NCBI Accession #	NP_002181
UniProt Primary Accession #	Q16552
UniProt Secondary Accession #	Q5T2P0
UniProt Related Accession #	Q16552
GenBank Nucleotide #	NM_002190.2

NCBI Official Full Name	interleukin-17A
NCBI Official Synonym Full Names	interleukin 17A
NCBI Official Symbol	IL17A
NCBI Official Synonym Symbols	IL17; CTLA8; IL-17; IL-17A
UniProt Protein Name	Interleukin-17A
UniProt Synonym Protein Names	Cytotoxic T-lymphocyte-associated antigen 8; CTLA-8
Protein Family	Interleukin
UniProt Gene Name	IL17A
UniProt Synonym Gene Names	CTLA8; IL17; IL-17; IL-17A; CTLA-8
UniProt Entry Name	IL17_HUMAN
NCBI Protein Information	interleukin-17A
NCBI Summary for IL17A	The protein encoded by this gene is a proinflammatory cytokine produced by activated T cells. This cytokine regulates the activities of NF-kappaB and mitogen-activated protein kinases. This cytokine can stimulate the expression of IL6 and cyclooxygenase-2 (PTGS2/COX-2), as well as enhance the production of nitric oxide (NO). High levels of this cytokine are associated with several chronic inflammatory diseases including rheumatoid arthritis, psoriasis and multiple sclerosis. [provided by RefSeq, Jul 2008]
UniProt Comments for IL17A	IL17A: Induces stromal cells to produce proinflammatory and hematopoietic cytokines. Enhances the surface expression of ICAM1/intracellular adhesion molecule 1 in fibroblasts. Belongs to the IL-17 family. Protein type: Secreted; Secreted, signal peptide Chromosomal Location of Human Ortholog: 6p12 Cellular Component: extracellular space; external side of plasma membrane Molecular Function: cytokine activity Biological Process: cell death; cell-cell signaling; positive regulation of interleukin-23 production; positive regulation of osteoclast differentiation; apoptosis; protein amino acid glycosylation; immune response; positive regulation of transcription from RNA polymerase II promoter; inflammatory response
Research Articles on IL17A	**1.** results suggest that miR-155 might be involved in the pathogenesis of ITP by regulating cytokine profiles, which may be mediated by miR-155 targeting SOCS1.
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