

Rabbit anti-Human, Mouse IL-17 Polyclonal Antibody | anti-IL17A antibody

IL-17 Antibody

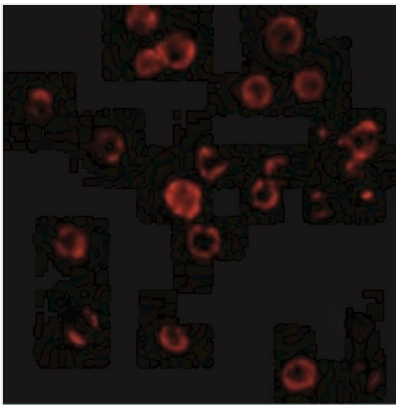
CATALOG # AAA10926	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

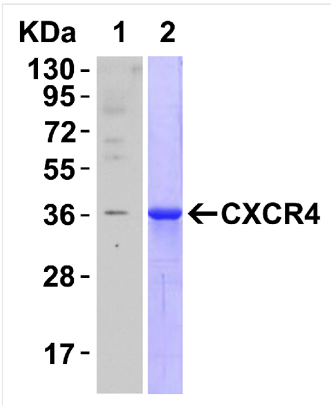
IL-17; Polyclonal Antibody; IL-17 Antibody; IL17; CTLA8; IL-17A; Interleukin-17A; Cytotoxic T-lymphocyte-associated antigen 8; interleukin 17A; anti-IL17A antibody

PRODUCT SPECIFICATIONS

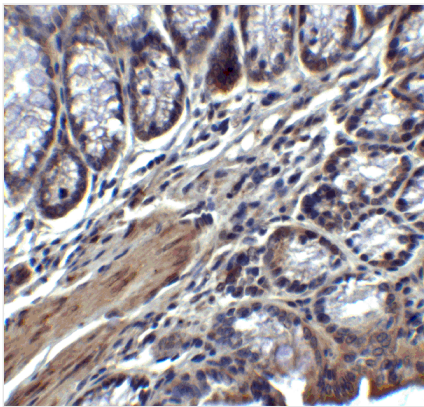
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	IL-17 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	155
Applicable Applications for anti-IL17A antibody	ELISA, WB (Western Blot)
Application Notes	IL-17 antibody can be used for the detection of IL-17 by Western blot at 1 - 2 mug/ml
Conjugate	Unconjugated
Immunogen	IL-17 antibody was raised against a 19 amino acid synthetic peptide from near the center of human IL-17A.
Buffer	IL-17 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	IL-17 antibody can be stored at 4 degrees C for up to one year. Antibodies should not be exposed to prolonged high temperatures.



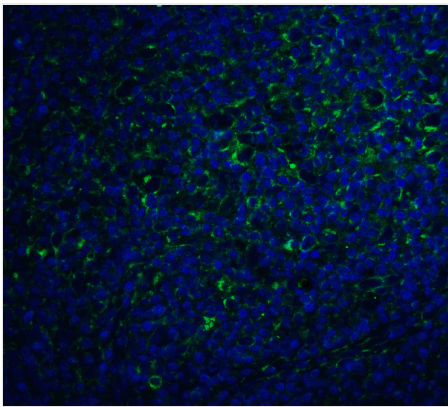
IF (Immunofluorescence)
Immunofluorescence of IL-17 in mouse thymus tissue with IL-17 Antibody at 20 μ g/ml.



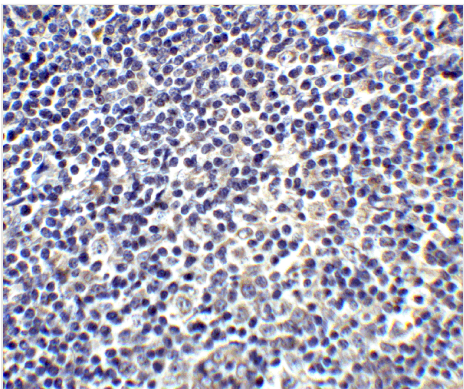
IF (Immunofluorescence)
Immunofluorescence of IL-17 in A-20 cells with IL-17 antibody at 5 μ g/ml. Green: IL-17 Antibody (4887)Blue: DAPI staining



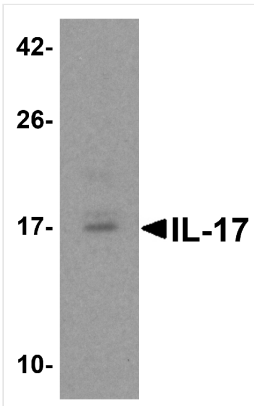
IHC (Immunohistochemistry)
Immunohistochemistry of IL-17 in mouse colon tissue with IL-17 antibody at 2 μ g/ml.



IF (Immunofluorescence)
Immunofluorescence of IL-17 in human tonsil tissue with IL-17 antibody at 20 μ g/ml. Green: IL-17 Antibody (4887)Blue: DAPI staining



IHC (Immunohistochemistry)
Immunohistochemistry of IL-17 in human tonsil tissue with IL-17 antibody at 5 μ g/ml.



WB (Western Blot)
Western blot analysis of 1 ng of recombinant human IL-17 with IL-17 antibody at 1 μ g/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-IL17A antibody	IL-17 Antibody: Interleukin 17 (IL-17) is a family of pro-inflammatory cytokines produced by activated T cells and is thought to have a major role in the initiation and perpetuation of rheumatoid arthritis. IL-17 regulates the activities of NF- κ B and mitogen-activated protein kinases such as ERK and JNK. In addition, IL-17 stimulates the expression of IL-6 and cyclooxygenase-2 and enhances the production of nitric oxide. IL-17-producing T helper cells (TH-17 cells) have been the subject of much attention due to the importance of IL-17 in the pathogenesis of autoimmune inflammation. Because of its role in autoimmune diseases, it is thought that targeting the production and action of IL-17 would be beneficial therapeutically in these diseases.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4504651
NCBI GeneID	3605
NCBI Accession #	NP_002181
NCBI GenBank Nucleotide #	NM_002190.2
UniProt Accession #	Q16552; Q5T2P0
Molecular Weight	17,504 Da
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
NCBI Protein Information	interleukin-17A; CTLA-8; cytotoxic T-lymphocyte-associated antigen 8; cytotoxic T-lymphocyte-associated protein 8; interleukin 17 (cytotoxic T-lymphocyte-associated serine esterase 8)
UniProt Protein Name	Interleukin-17A
UniProt Gene Name	IL17A
UniProt Synonym Gene Names	CTLA8; IL17; IL-17; IL-17A; CTLA-8
UniProt Entry Name	IL17_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.