

Mouse anti-Human IL17A Monoclonal Antibody | anti-IL17A antibody

Mouse Monoclonal [clone 4K5F6] (IgG2b,k) to Human IL17A

CATALOG # AAA51931	HOST Mouse	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay, Western Blot, Immunohistochemistry
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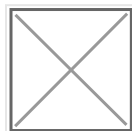
PRODUCT SYNONYMS

IL17A; Monoclonal Antibody; Mouse Monoclonal [clone 4K5F6] (IgG2b; k) to Human IL17A; Anti-IL17A Antibody (aa1-75; clone 4K5F6) IHC-plus; CTLA-8; CTLA8; Interleukin-17A; Interleukin 17A; IL-17; IL-17A; IL17; Human IL17A; anti-IL17A antibody

PRODUCT SPECIFICATIONS

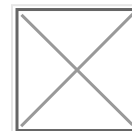
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b,k
Clone Number	4K5F6
Specificity	Human IL17A / IL-17
Purity/Purification	Protein G Purified
Form/Format	PBS, 0.05% BSA, 0.05% sodium azide
Concentration	1 mg/ml (varies by lot)
Sequence Length	155
Applicable Applications for anti-IL17A antibody	FCM/FACS (Flow Cytometry), WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	A peptide located within amino acids 1-75 of human IL-17A was used as the immunogen.
Immunogen	IL17A antibody was raised against a peptide located within amino acids 1-75 of human IL-17A was used as the immunogen.
Antigen Modification	aa1-75
Preparation and Storage	Store at 4 degree C for short term applications. For long term storage, aliquot and store at -20 degree C.

IMAGES



WB (Western Blot)

Western blot of IL-17A in 1) human, 2) mouse and 3) rat full-length recombinant IL-17A protein (100 ng/lane) using at 0.2 ug/ml.



FCM/FACS (Flow Cytometry)

Intracellular flow cytometry of IL-17A in human lymphocytes stimulated with PMA (5 ng/ml), Ionomycin (1 mM), and Brefeldin A (1X) for 5 hrs, using at 0.1 ug/10⁶ cells (green represents isotype control, red represents IL-17A antibody). Goat anti-mouse IgG-FITC secondary antibody, was used for this test.



IHC (Immunohistochemistry)

Anti-IL-17 antibody IHC of human small intestine. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 5-10 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-IL17A antibody	Interleukin 17 (IL17A) is a proinflammatory cytokine produced by activated T cells. It regulates the activities of NF-kappaB and mitogen-activated protein kinases and 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 IL17A are associated with several chronic inflammatory diseases including rheumatoid arthritis, psoriasis and multiple sclerosis.
Product Categories/Family for anti-IL17A antibody	Family: Interleukin

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504651
NCBI GeneID	3605
NCBI Accession #	NP_002181.1
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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/il17a-antibody-clone-4k5f6-flow-cytometry-western-blot-immunohistochemistry-elisa/51931>