

Mouse IL-17A Monoclonal Antibody | anti-IL-17A antibody

Mouse monoclonal antibody to human IL-17A, Clone 3C1

CATALOG # AAA77966	HOST Mouse	REACTIVITY Human, others not tested	APPLICATIONS Western Blot, ELISA
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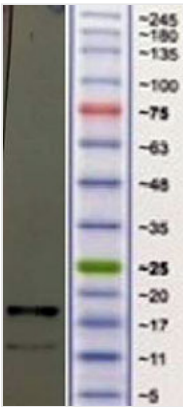
PRODUCT SYNONYMS

IL-17A; Monoclonal Antibody; Mouse monoclonal antibody to human IL-17A; Clone 3C1; mAb anti-Human IL-17A; Mouse monoclonal antibody to human interleukin-17A (IL-17A); anti-IL-17A antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, others not tested
Clonality	Monoclonal
Isotype	IgG1, Kappa
Clone Number	3C1
Specificity	Reactive with human IL-17A
Purity/Purification	Protein G affinity purified
Form/Format	Lyophilized from a solution in 0.01M PBS, pH 7.0
Sequence Length	155
Applicable Applications for anti-IL-17A antibody	WB (Western Blot), ELISA
Target Protein	Human IL-17A
Immunogen	Purified recombinant human IL-17A
Fusion Myeloma	SP2/0
Reconstitution	Double distilled water is recommended to reconstitute the antibody to 1mg/ml
Research Area	Cytokine.Inflammatory and auto-immune diseases
Preparation and Storage	Store at -20°C

IMAGES



WB (Western Blot)

Western blot: The image below shows that anti-human IL-17A antibody clone 3C1 reacts with human cell expressed human IL-17A antigen (100ng) in Western Blot. The blot was stained with HRP substrate 4-Chloro-1-naphthol.

ADDITIONAL INFORMATION

Related Product Information for anti-IL-17A antibody	IL-17A is an inflammatory cytokine produced by Th17 cells, a newly characterised group of CD4 T help cells that plays a role in autoimmune diseases and chronic inflammatory diseases. IL-23 is the main inducer of Th17 cell development. Other cytokines such as TGF-beta, IL-6 and IL-21 were also found to contribute to the procedure. IL-17A belongs to the IL-17 family which includes IL-17A, IL-17B, IL-17C, IL-17D and IL-17E. IL-17, like interferon-gamma, is a potent mediator of delayed-type reaction. IL-17 induces the secretion of many other pro-inflammatory cytokines and chemokines such as IL-6, IL-8, GM-CSF, G-CSF, TGF-beta, TNF-alpha, GRO-alpha, and MCP-1. IL-17 stimulates the expression of NF-kappaB, mitogen activated protein kinase, and prostaglandins by many cell types, and enhances the production of nitric oxide.
Product Categories/Family for anti-IL-17A antibody	Cytokine; Growth Factor; Inflammatory and Immune Responses

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
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; CTLA-8; IL-17A
NCBI Protein Information	interleukin-17A
UniProt Protein Name	Interleukin-17A
UniProt Gene Name	IL17A
UniProt Synonym Gene Names	CTLA8; IL17; IL-17; IL-17A; CTLA-8

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.

