

Mouse anti-Human IL-15 Monoclonal Antibody | anti-IL-15 antibody

Human IL-15 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA48976	Mouse	Human	Flow Cytometry, Functional Assay, Immunofluorescence, Immunocytochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

IL-15; Monoclonal Antibody; Human IL-15 antibody; Interleukin-15; IL15; anti-IL-15 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b kappa
Clone Number	AT7G9
Purity/Purification	By protein-A affinity chromatography
Form/Format	Liquid in. Phosphate-Buffered Saline (pH7.4) with 0.02% Sodium Azide, 10% Glycerol
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-IL-15 antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human IL-15 (49-162aa) purified from E coli
Preparation and Storage	Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

ADDITIONAL INFORMATION

Related Product Information for anti-IL-15 antibody	Interleukin-15 (IL-15) is a pleiotropic cytokine that plays a crucial role in both innate and adaptive immunity. IL-15 is unique among cytokines due to its involvement in a trans-signaling mechanism. In this process, IL-15 receptor alpha (IL-15Ralpha) from one subset of cells presents IL-15 to neighboring cells that express IL-2Rbeta/gammac. This cytokine is produced by a wide variety of cells and tissues. Similar to IL-2, IL-15 stimulates the proliferation of T-lymphocytes and induces the generation of cytotoxic T-lymphocytes (CTLs) and lymphokine-activated killer (LAK) cells.
Product Categories/Family for anti-IL-15 antibody	Immunology , Hormones & Cytokines ; Antibodies
References	J G Giri., et al. (1994) EMBO. 13(12):2822-2830. Lorenzen I., et al. (2006) J Biol Chem. 281(10):6642-6647.

NCBI AND UNIPROT INFORMATION

NCBI GI #	10835153
NCBI GeneID	3600
NCBI Accession #	NP_000576.1
NCBI GenBank Nucleotide #	NM_000585.4

UniProt Accession #	P40933; O00440; O43512; Q495Z8; Q93058; Q9UBA3; D3DNZ2
Molecular Weight	162
NCBI Official Full Name	interleukin-15 isoform 1 preproprotein
NCBI Official Synonym Full Names	interleukin 15
NCBI Official Symbol	IL15
NCBI Official Synonym Symbols	IL-15
NCBI Protein Information	interleukin-15
UniProt Protein Name	Interleukin-15
UniProt Gene Name	IL15
UniProt Synonym Gene Names	IL-15
UniProt Entry Name	IL15_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/il-15-antibody-clone-at7g9-flow-cytometry-immunofluorescence-immunocytochemistry-western-blot-elisa/48976>