

Mouse anti-Human IL21 Monoclonal Antibody | anti-IL21 antibody

IL21 antibody (biotin)

CATALOG # AAA106729	HOST Mouse	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay
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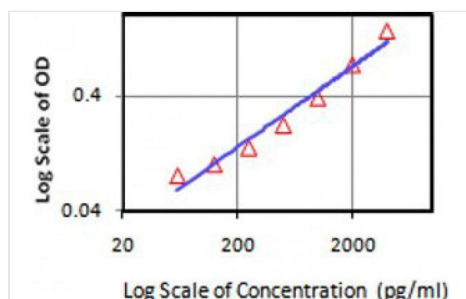
PRODUCT SYNONYMS

IL21; Monoclonal Antibody; IL21 antibody (biotin); Monoclonal IL21; Anti-IL21; IL 21; IL-21; Interleukin-21; anti-IL21 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1 kappa
Clone Number	2B2-G20
Specificity	Mouse
Form/Format	Liquid in PBS, pH 7.2, with 0.1% glectin and 0.09% Sodium Azide. Biotin conjugated
Concentration	0.5mg/ml (varies by lot)
Sequence Length	153
Applicable Applications for anti-IL21 antibody	FCM/FACS (Flow Cytometry)
Biological Significance	The monoclonal antibody 2B2-G20 reacts with human IL-21, a potent stimulator of NK and cytolytic T cells. IL-21 is a 131 amino acid protein most closely related to IL-2 and IL-15. Expression is found in CD4+ cells upon activation. In addition to its effect on NK cells, IL-21 stimulates proliferation of B-cell stimulated by crosslinking of the CD40 antigen and stimulates the proliferation of bone marrow progenitor cells and the expression of the NK-cell marker CD56 in the presence of IL-15.
Tag/Conjugate	Biotin
Preparation and Storage	Store at 4°C without exposure to light. Do not freeze.

IMAGES



ELISA

Standard curve of human IL21 antibody in ELISA

ADDITIONAL INFORMATION

Related Product Information for anti-IL21 antibody	Mouse monoclonal IL21 antibody (biotin)
Product Categories/Family for anti-IL21 antibody	Cytokines & Growth Factors; Conjugated Monoclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	333033767
NCBI GeneID	59067
NCBI Accession #	NP_001193935.1
NCBI GenBank Nucleotide #	NM_001207006.2
UniProt Accession #	Q9HBE4; A5J0L4
Molecular Weight	16,867 Da
NCBI Official Full Name	interleukin-21 isoform 2
NCBI Official Synonym Full Names	interleukin 21
NCBI Official Symbol	IL21
NCBI Official Synonym Symbols	Za11; IL-21; CVID11
NCBI Protein Information	interleukin-21
UniProt Protein Name	Interleukin-21
UniProt Gene Name	IL21
UniProt Synonym Gene Names	IL-21
UniProt Entry Name	IL21_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/il21-antibody-clone-2b2-g20-flow-cytometry-elisa/106729>