

IL21 monoclonal antibody, clone SB134b

Catalog # MAB8556

Size 500 ug

Specification

Product Description Mouse monoclonal antibody raised against full length recombinant IL21.

Immunogen Recombinant protein corresponding to full length human IL21.

Host Mouse

Reactivity Human

Specificity This antibody is specific to IL21.

Form Liquid

Isotype IgG2b

Recommend Usage ELISA (0.1-5 ug/mL)
Immunostaining (2-5 ug/mL)
The optimal working dilution should be determined by the end user.

Storage Buffer In BBS, pH8.2

Storage Instruction Store at 4°C.

Applications

- Enzyme-linked Immunoabsorbent Assay

Gene Info — IL21

Entrez GeneID [59067](#)

Gene Name IL21

Gene Alias IL-21, Za11

Gene Description	interleukin 21
Omim ID	605384
Gene Ontology	Hyperlink
Other Designations	interleukin-21 isoform

Publication Reference

- [Interleukin-21: basic biology and implications for cancer and autoimmunity.](#)

Spolski R, Leonard WJ.

Annual Review of Immunology 2008 Nov; 26:57.

- [Essential role of IL-21 in B cell activation, expansion, and plasma cell generation during CD4+ T cell-B cell collaboration.](#)

Kuchen S, Robbins R, Sims GP, Sheng C, Phillips TM, Lipsky PE, Ettinger R.

Journal of Immunology 2007 Nov; 179(9):5886.

- [IL-21 induces differentiation of human naive and memory B cells into antibody-secreting plasma cells.](#)

Ettinger R, Sims GP, Fairhurst AM, Robbins R, da Silva YS, Spolski R, Leonard WJ, Lipsky PE.

Journal of Immunology 2005 Dec; 175(12):7867.

- [Interleukin 21 and its receptor are involved in NK cell expansion and regulation of lymphocyte function.](#)

Parrish-Novak J, Dillon SR, Nelson A, Hammond A, Sprecher C, Gross JA, Johnston J, Madden K, Xu W, West J, Schrader S, Burkhead S, Heipel M, Brandt C, Kuijper JL, Kramer J, Conklin D, Presnell SR, Berry J, Shiota F, Bort S, Hambly K, Mudri S, Clegg C, Moore M, Grant FJ, Lofton-Day C, Gilbert T, Rayond F, Ching A, Yao L, Smith D, Webster P, Whitmore T, Maurer M, Kaushansky K, Holly RD, Foster D.

Nature 2000 Nov; 408(6808):57.

Pathway

- [Cytokine-cytokine receptor interaction](#)
- [Jak-STAT signaling pathway](#)

Disease

- [Addison Disease](#)
- [Alopecia Areata](#)
- [Arthritis](#)
- [Asthma](#)
- [Autoimmune Diseases](#)
- [Bronchiolitis](#)
- [Carcinoma](#)
- [Celiac Disease](#)
- [Colitis](#)
- [Crohn Disease](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Hypersensitivity](#)
- [Infant](#)
- [Inflammation](#)
- [Lupus Erythematosus](#)
- [Multiple Sclerosis](#)
- [Prostatic Neoplasms](#)
- [Respiratory Syncytial Virus Infections](#)
- [Wegener Granulomatosis](#)