抗人IL-3Rα参考抗体

Anti-Human IL-3R alpha Reference Antibody

货号：RB9T37015547

在您使用本产品前请认真阅读说明书，这对您顺利完成实验很有帮助。

产品编码
RB9T37015547

中文名称
抗人IL-3Rα参考抗体

英文名称
Anti-Human IL-3R alpha Reference Antibody

形态
Liquid

纯度
>95% purity as determined by SDS-PAGE.

内毒素水平
Please contact the lab for this information.

应用
ELISA, Bioactivity: FACS, Functional assay, Research in vivo

表达系统
Mammalian Cells

登录号
P26951

宿主种属
Humanized

克隆性
Monoclonal

抗体亚型
IgG1-kappa

纯化方式
Protein A/G purified from cell culture supernatant.

浓度
1mg/ml

种属反应性
Human

靶标

IL-3R subunit alpha, IL-3 receptor subunit alpha, CD123, Interleukin-3 receptor subunit alpha, IL3R, IL-3R-alpha, IL3RA, IL-3RA

背景信息

Talacotuzumab (TAL, JNJ-56022473) is an IgG1 monoclonal antibody targeting CD123 preferentially via antibody-dependent cellular cytotoxicity (ADCC) mediated by natural killer (NK) cells and has been shown to induce potent in vitro ADCC against IL3RA-expressing AML blasts/LSC and to reduce leukemic cell growth in murine xenograft models of human AML. In addition, the antibody inhibits signaling by IL-3, the main ligand of CD123, to reduce the proliferation of leukemic progenitor cells.

• CD123 and its potential clinical application in leukemias., PMID:25445480

• Interleukin-3 receptor in acute leukemia., PMID:14671644

• IL-3R-alpha blockade inhibits tumor endothelial cell-derived extracellular vesicle (EV)-mediated vessel formation by targeting the β-catenin pathway., PMID:29238040

• The role of interleukin-3 in classical Hodgkin's disease., PMID:15621820

• IL-3 Decreases Cartilage Degeneration by Downregulating Matrix Metalloproteinases and Reduces Joint Destruction in Osteoarthritic Mice., PMID:27183574

• New immunotoxins targeting CD123, a stem cell antigen on acute myeloid leukemia cells., PMID:17667524

• Receptor cross-linking on human plasmacytoid dendritic cells leads to the regulation of IFN-alpha production., PMID:17056507

• AntiCD3Fv fused to human interleukin-3 deletion variant redirected T cells against human acute myeloid leukemic stem cells., PMID:25879549

• Expression of interleukin-3 receptor subunits on defined subpopulations of acute myeloid leukemia blasts predicts the cytotoxicity of diphtheria toxin interleukin-3 fusion protein against malignant progenitors that engraft in immunodeficient mice., PMID:16882709

• SL-401 and SL-501, targeted therapeutics directed at the interleukin-3 receptor, inhibit the growth of leukaemic cells and stem cells in advanced phase chronic myeloid leukaemia., PMID:24942980

别名

G4723A2234335-84-1

储存缓冲液

0.01M PBS, pH 7.4.

稳定性和储存

Use a manual defrost freezer and avoid repeated freeze-thaw cycles. Store at 4° C for short-term storage (1-2 weeks). Store at -20° C for up to 12 months. For long-term storage, store at -80° C.

For research use only. Not suitable for clinical or therapeutic use.