抗人IL-6Rα/IL6R参考抗体

Anti-Human IL-6R alpha&IL6R Reference Antibody

货号：RB9T37015433

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
RB9T37015433

中文名称
抗人IL-6Rα/IL6R参考抗体

英文名称
Anti-Human IL-6R alpha&IL6R 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
P08887

宿主种属
Humanized

克隆性
Monoclonal

抗体亚型
IgG2-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

sIL6R, Interleukin-6 receptor subunit alpha, CD126, IL-6R 1, IL-6R subunit alpha, Membrane glycoprotein 80, gp80, IL6R, IL-6RA, IL-6 receptor subunit alpha, IL-6R-alpha

背景信息

Tocilizumab (Anti-Human IL6R, Humanized Antibody) is an anti-human interleukin-6 receptor (IL-6R) neutralizing antibody, prevents binding of IL-6 to the IL-6R, thereby inhibiting both classic and trans-signaling. Tocilizumab (Anti-Human IL6R, Humanized Antibody) can be used for the treatment of rheumatoid arthritis. Tocilizumab is remarkablely effective for the study of severe COVID-19 (coronavirus disease).

• Expression of Interleukin 6 signaling receptors in carotid atherosclerosis., PMID:33350884

• Preclinical development of CD126 CAR-T cells with broad antitumor activity., PMID:33414408

• Physiological effects of modulating the interleukin-6 axis., PMID:29982781

• Increased IL-6 and Potential IL-6 trans-signalling in the airways after an allergen challenge., PMID:33471392

• IL6 receptor inhibitors: exploring the therapeutic potential across multiple diseases through drug target Mendelian randomization., PMID:39229261

• Anti-Inflammatory Effect of Muscle-Derived Interleukin-6 and Its Involvement in Lipid Metabolism., PMID:34576053

• Identification of IL-6 Signalling Components as Predictors of Severity and Outcome in COVID-19., PMID:35634332

• M1-Like Macrophages Modulate Fibrosis and Inflammation of Orbital Fibroblasts in Graves' Orbitopathy: Potential Relevance to Soluble Interleukin-6 Receptor., PMID:36617890

• The IL-6-neutralizing sIL-6R-sgp130 buffer system is disturbed in patients with type 2 diabetes., PMID:31237452

• Soluble interleukin-6 receptor-mediated innate immune response to DNA and RNA viruses., PMID:23946454

别名

Sapelizumab, SA-237, SA237, satralizumab-mwg, 1535963-91-7

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.