抗人Siglec-3/CD33参考抗体

Anti-Human Siglec-3/CD33 Reference Antibody

货号：RB9T37014896

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
RB9T37014896

中文名称
抗人Siglec-3/CD33参考抗体

英文名称
Anti-Human Siglec-3/CD33 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
P20138

宿主种属
Chimeric

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

Myeloid cell surface antigen CD33, Sialic acid-binding Ig-like lectin 3, Siglec-3, CD33, gp67, SIGLEC3

背景信息

Gemtuzumab is a monoclonal IgG4-κ antibody targeting CD33 antigen, which present on leukemic myeloblasts of acute myeloid leukemia (AML). Gemtuzumab can be used for synthesis of antibody-drug conjugate (ADC), Gemtuzumab ozogamicin . Gemtuzumab ozogamicin consists of a cytotoxic derivative of Calicheamicin (a cytotoxic antibiotic), and a monoclonal antibody. Gemtuzumab ozogamicin can be used for the research of acute myeloid leukemia.

• Gene therapy for Alzheimer's disease targeting CD33 reduces amyloid beta accumulation and neuroinflammation., PMID:32803224

• Hypoxia/ischemia impairs CD33 (Siglec-3)/TREM2 signaling: Potential role in Alzheimer's pathogenesis., PMID:34530055

• Reporter cell assay for human CD33 validated by specific antibodies and human iPSC-derived microglia., PMID:34188106

• CD33 isoforms in microglia and Alzheimer's disease: Friend and foe., PMID:35940942

• Siglecs in Brain Function and Neurological Disorders., PMID:31546700

• SIGLEC-3 (CD33) serves as an immune checkpoint receptor for HBV infection., PMID:34060491

• Targeting CD33+ Acute Myeloid Leukemia with GLK-33, a Lintuzumab-Auristatin Conjugate with a Wide Therapeutic Window., PMID:38561023

• CD33 as a leukocyte-associated marker expressed on human spermatozoa., PMID:37081561

• Human brain sialoglycan ligand for CD33, a microglial inhibitory Siglec implicated in Alzheimer's disease., PMID:35452678

• Deletion of Alzheimer's disease-associated CD33 results in an inflammatory human microglia phenotype., PMID:33539598

别名

SGN-CD33A, h2H12ec-SGD-1910, h2H12ec-mc-val-ala-SGD-1882, 1436390-63-4

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.