抗人Siglec-3/CD33参考抗体

Anti-Human Siglec-3/CD33 Reference Antibody

货号：RB9T37014895

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
RB9T37014895

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
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
1.39mg/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

225Ac-lintuzumab, HuM195, SGN-33, SMARTM195, HuM195, 166089-32-3

产品描述

Lintuzumab is a humanized monoclonal antibody, HuM195, that targets the cell surface antigen CD33 that is expressed on the vast majority of acute myeloid leukemia (AML) cells. [225Ac]Ac-lintuzumab clinical trials were discussed in detail in reference. Lintuzumab is under investigation in clinical trial NCT00016159 (Chemotherapy Plus Monoclonal Antibody in Treating Patients With Acute Promyelocytic Leukemia).

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.