抗人CD45参考抗体

Anti-Human CD45 Reference Antibody

货号：RB9T37014915

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
RB9T37014915

中文名称
抗人CD45参考抗体

英文名称
Anti-Human CD45 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
P08575

宿主种属
Mouse

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

T200, Leukocyte common antigen, CD45, L-CA, Receptor-type tyrosine-protein phosphatase C, PTPRC

背景信息

Apamistamab is a monoclonal antibody developed for targeted radiotherapy in hematologic malignancies. It is commonly used in radioimmunotherapy as a carrier for radioactive isotopes, facilitating the targeted destruction of malignant cells while minimizing damage to healthy tissues. It has been studied primarily in the context of conditioning regimens for hematopoietic stem cell transplantation, particularly in treating relapsed or refractory leukemias and lymphomas.

• Protein tyrosine phosphatase receptor type C (PTPRC or CD45)., PMID:34039664

• Immune receptor inhibition through enforced phosphatase recruitment., PMID:33087934

• Orientation-dependent CD45 inhibition with viral and engineered ligands., PMID:39454026

• Innate immune remodeling by short-term intensive fasting., PMID:34705313

• CD45-negative follicular lymphoma., PMID:32163561

• Dynamics of Cell Generation and Turnover in the Human Heart., PMID:26073943

• The Roseoloviruses Downregulate the Protein Tyrosine Phosphatase PTPRC (CD45)., PMID:33952641

• CD45-PET is a robust, non-invasive tool for imaging inflammation., PMID:39843738

• Membrane-Proximal Epitope Facilitates Efficient T Cell Synapse Formation by Anti-FcRH5/CD3 and Is a Requirement for Myeloma Cell Killing., PMID:28262555

• The Protein Tyrosine Phosphatase SHP-1 (PTPN6) but Not CD45 (PTPRC) Is Essential for the Ligand-Mediated Regulation of CD22 in BCR-Ligated B Cells., PMID:33990399

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.