抗人CD52参考抗体

Anti-Human CD52 Reference Antibody

货号：RB9T37015358

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
RB9T37015358

中文名称
抗人CD52参考抗体

英文名称
Anti-Human CD52 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
P31358

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
1.03mg/ml

种属反应性
Human

靶标

Human epididymis-specific protein 5, CDW52, CAMPATH-1 antigen, Cambridge pathology 1 antigen, He5, HE5, Epididymal secretory protein E5, CD52, CDw52

背景信息

Alemtuzumab (Campath-IH) is a humanized monoclonal antibody against CD52. Alemtuzumab does not cross-react with murine CD52. Alemtuzumab selectively targets the CD52 antigen to induce profound lymphocyte depletion, followed by recovery of T and B cells with regulatory phenotypes. Alemtuzumab is capable of complement-dependent cytotoxicity and antibody-dependent cell-mediated cytotoxicity (ADCC), as well as induction of apoptosis. Alemtuzumab has the potential for B-cell chronic lymphocytic leukaemia research.

• Changes of the major sperm maturation-associated epididymal protein HE5 (CD52) on human ejaculated spermatozoa during incubation., PMID:11420384

• Interaction of the human epididymal protein CD52 (HE5) with epididymal spermatozoa from men and cynomolgus monkeys., PMID:9291477

• Vasectomy influences expression of HE1 but not HE2 and HE5 genes in human epididymis., PMID:14662784

• A major mRNA of the human epididymal principal cells, HE5, encodes the leucocyte differentiation CDw52 antigen peptide backbone., PMID:8418821

• Function of human epididymal proteins in sperm maturation., PMID:9739419

• Epididymal epithelium immortalized by simian virus 40 large T antigen: a model to study epididymal gene expression., PMID:11574662

• Body temperature (37 C) specifically down-regulates the messenger ribonucleic acid for the major sperm surface antigen CD52 in epididymal cell culture., PMID:8828507

别名

Campath-1H, LDP-03, 216503-57-0

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.