抗人CXCR4参考抗体

Anti-Human CXCR4 Reference Antibody

货号：RB9T37015523

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
RB9T37015523

中文名称
抗人CXCR4参考抗体

英文名称
Anti-Human CXCR4 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
P61073

宿主种属
Human

克隆性
Monoclonal

抗体亚型
IgG1

纯化方式
Protein A/G purified from cell culture supernatant.

浓度
1mg/ml

种属反应性
Human

靶标

Stromal cell-derived factor 1 receptor, LCR1, HM89, LPS-associated protein 3, LAP-3, CXC-R4, CXCR-4, SDF-1 receptor, CD184, NPYRL, LESTR, Fusin, FB22, C-X-C chemokine receptor type 4, CXCR4, Lipopolys

产品描述

MEDI3185 has picomolar binding affinity to human CXCR4 and exhibits no significant binding to other chemokine receptors such as CCR4 or CXCR3. In vitro studies demonstrated that MEDI3185 inhibited tumor cell migration, blocked SDF-1 induced tumor cell signaling, and induced apoptosis of tumor cells. The MEDI3185 epitope comprises the entire ECL2 sequence, lacks any so-called 'hot-spot, ' and is remarkably resistant to mutations. The structure of MEDI3185 variable domains was modeled and suggested a β-strand/β-strand interaction between MEDI3185 CDR3H and CXCR4 ECL2, resulting in direct steric hindrance with CXCR4 ligand SDF-1.

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.