抗人CXCR4参考抗体

Anti-Human CXCR4 Reference Antibody

货号：RB9T37014989

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
RB9T37014989

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
IgG4-kappa

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

浓度
1.59mg/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

背景信息

Ulocuplumab (Anti-Human CXCR4 Recombinant Antibody/BMS-936564/MDX1338) is a fully human IgG4 anti-CXCR4 antibody. Ulocuplumab induces apoptosis and inhibits CXCL12 mediated CXCR4 activation-migration of chronic lymphocytic leukemia (CLL). Ulocuplumab exhibits antitumor activity in established tumors including acute myeloid leukemia (AML), non-Hodgkin lymphoma (NHL), and multiple myeloma xenograft models.

• CXCR4 (CD184) expression on stem cell harvest and $CD34^{+}$ cells post-transplant., PMID:28282510

• CXCR4-Targeted Radiopharmaceuticals for the Imaging and Therapy of Malignant Tumors., PMID:37375261

• CXCR4 in breast cancer: oncogenic role and therapeutic targeting., PMID:26356032

• CXCL12-CXCR4/CXCR7 Axis in Colorectal Cancer: Therapeutic Target in Preclinical and Clinical Studies., PMID:34298991

• Temporal expression of CD184(CXCR4) and CD171(L1CAM) identifies distinct early developmental stages of human retinal ganglion cells in embryonic stem cell derived retina., PMID:27867005

• Production of human embryonic kidney 293T cells stably expressing C-X-C chemokine receptor type 4 (CXCR4) as a screening tool for anticancer lead compound targeting CXCR4., PMID:35643380

• Immunophenotyping and Transcriptomic Outcomes in PDX-Derived TNBC Tissue., PMID:28039356

• Effect of CXCL12 and Its Receptors on Unpredictable Renal Cell Carcinoma., PMID:31882334

• Development of Mimokines, chemokine N terminus-based CXCR4 inhibitors optimized by phage display and rational design., PMID:29570832

• Peptide density targets and impedes triple negative breast cancer metastasis., PMID:29973594

别名

BMS-936564, MDX-1338, MDX1338, 1375830-34-4

产品描述

Ulocuplumab (BMS-936564) is a first-in-class fully human IgG4 monoclonal anti-CXCR4 antibody that inhibits the binding of CXCR4 to CXCL12. The CXCR4/CXCL12 (SDF-1) axis has been known for many years as a critical regulator of tumor proliferation, cell, as well as migration into and out of the bone marrow.

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.