

PE Anti-CCR5 antibody [HM-CCR5(7A4)] ab95662

1 图像

概述

产品名称	PE Anti-CCR5抗体[HM-CCR5(7A4)]
描述	PE亚美尼亚仓鼠单克隆抗体[HM-CCR5(7A4)] to CCR5
宿主	Armenian hamster
偶联物	PE. Ex: 488nm, Em: 575nm
特异性	Binds to the N terminal extracellular domain of Mouse CCR5 with no cross reactivity to Human CCR5.
经测试应用	适用于: Flow Cyt
种属反应性	与反应: Mouse 不与反应: Human
免疫原	Full length protein corresponding to Mouse CCR5. Native protein
阳性对照	Mouse thioglycolate-elicited peritoneal-exudate cells
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C.
存储溶液	pH: 7.20 Preservative: 0.09% Sodium azide Constituent: PBS
纯度	Protein G purified
克隆	单克隆
克隆编号	HM-CCR5(7A4)
同种型	IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab95662于以下的经测试应用

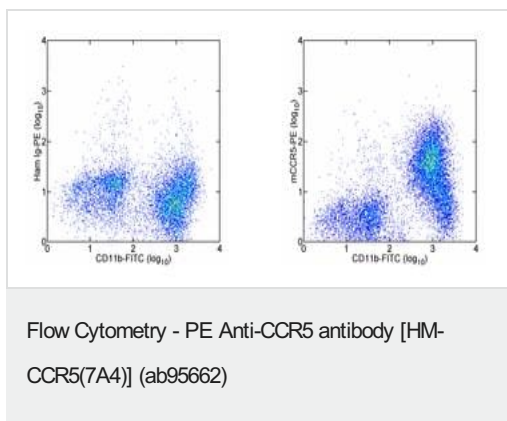
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
Flow Cyt		Use 0.5-1µg for 10 ⁵⁻⁸ cells. in a final volume of 100 µL ab104026 Armerian Hemator monoclonal IgG is suitable for

靶标

功能	Receptor for a number of inflammatory CC-chemokines including MIP-1-alpha, MIP-1-beta and RANTES and subsequently transduces a signal by increasing the intracellular calcium ion level. May play a role in the control of granulocytic lineage proliferation or differentiation. Acts as a coreceptor (CD4 being the primary receptor) for HIV-1 R5 isolates.
组织特异性	Highly expressed in spleen, thymus, in the myeloid cell line THP-1, in the promyeloblastic cell line KG-1A and on CD4+ and CD8+ T-cells. Medium levels in peripheral blood leukocytes and in small intestine. Low levels in ovary and lung.
疾病相关	Genetic variation in CCR5 is associated with suseptibility to diabetes mellitus insulin-dependent type 22 (IDDM22) [MIM:612522]. A multifactorial disorder of glucose homeostasis that is characterized by susceptibility to ketoacidosis in the absence of insulin therapy. Clinical fetaures are polydipsia, polyphagia and polyuria which result from hyperglycemia-induced osmotic diuresis and secondary thirst. These derangements result in long-term complications that affect the eyes, kidneys, nerves, and blood vessels.
序列相似性	Belongs to the G-protein coupled receptor 1 family.
翻译后修饰	Sulfated on at least 2 of the N-terminal tyrosines. Sulfation contributes to the efficiency of HIV-1 entry and is required for efficient binding of the chemokines, CCL3 and CCL4. O-glycosylated, but not N-glycosylated. Ser-6 appears to be the major site. Also sialylated glycans present which contribute to chemokine binding. Thr-16 and Ser-17 may also be glycosylated and, if so, with small moieties such as a T-antigen. Palmitoylation in the C-terminal is important for cell surface expression, and to a lesser extent, for HIV entry. Phosphorylation on serine residues in the C-terminal is stimulated by binding CC chemokines especially by APO-RANTES.
细胞定位	Cell membrane.

图片



Flow cytometry images showing staining of FcR-blocked (Anti-Mouse CD16/CD32) BALB/c thioglycolate-induced peritoneal exudate cells with Anti-Mouse CD11b FITC and 0.5 µg of Armenian Hamster IgG Isotype Control PE (left) or 0.5 µg of ab95662 (right). Total viable cells were used for analysis.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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