

### FITC Anti-CCR5 antibody [HEK/1/85a] ab11466

★★★★★ [6 Abreviews](#) [5 References](#)

#### 概述

产品名称	FITC荧光Anti-CCR5抗体[HEK/1/85a]
描述	FITC荧光大鼠单克隆抗体[HEK/1/85a] to CCR5
宿主	Rat
偶联物	FITC. Ex: 493nm, Em: 528nm
经测试应用	<b>适用于:</b> IHC-Fr, Flow Cyt
种属反应性	<b>与反应:</b> Mouse, Rat, Human
免疫原	Tissue, cells or virus corresponding to Human CCR5. CHO cells transfected with human CCR5 Database link: <a href="#">P51681</a>
常规说明	<p>This product should be stored undiluted. Storage in frost-free freezers is not recommended. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use.</p> <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&amp;As</p>

#### 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C.
存储溶液	Preservative: 0.09% Sodium azide Constituents: PBS, 1% BSA
纯度	Protein G purified
纯化说明	Purification by affinity chromatography.
克隆	单克隆
克隆编号	HEK/1/85a
同种型	IgG2a

## 应用

**The Abpromise guarantee** Abpromise™承诺保证使用ab11466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
IHC-Fr	★★★★★ (1)	Use at an assay dependent concentration.
Flow Cyt	★★★★☆ (5)	Use at an assay dependent concentration. <b>ab18446</b> - Rat monoclonal IgG2a, is suitable for use as an isotype control with this antibody.

## 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 susceptibility to diabetes mellitus insulin-dependent type 2 (IDDM2) [MIM:612522]. A multifactorial disorder of glucose homeostasis that is characterized by susceptibility to ketoacidosis in the absence of insulin therapy. Clinical features 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.

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

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