

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

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

製品の概要

製品名	FITC Anti-CCR5 antibody [HEK/1/85a]
製品の詳細	FITC Rat monoclonal [HEK/1/85a] to CCR5
由来種	Rat
標識	FITC. Ex: 493nm, Em: 528nm
アプリケーション	適用あり: IHC-Fr, Flow Cyt
種交差性	交差種: Mouse, Rat, Human
免疫原	Tissue, cells or virus corresponding to Human CCR5. CHO cells transfected with human CCR5 Database link: P51681
特記事項	<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&As</p>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C.
バッファー	Preservative: 0.09% Sodium azide Constituents: PBS, 1% BSA
精製度	Protein G purified
特記事項(精製)	Purification by affinity chromatography.
ポリ/モノ	モノクローナル
クローン名	HEK/1/85a
アイソタイプ	IgG2a

アプリケーション

The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab11466の使用に適用されます**
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
IHC-Fr	★★★★★ (1)	Use at an assay dependent concentration.
Flow Cyt	★★★★★ (5)	Use at an assay dependent concentration. ab18446 - Rat monoclonal IgG2a, is suitable for use as an isotype control with this antibody.

ターゲット情報

機能	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.
組織特異性	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.
関連疾患	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.
配列類似性	Belongs to the G-protein coupled receptor 1 family.
翻訳後修飾	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.
細胞内局在	Cell membrane.

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

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