

Monoclonal Antibody to CD195 / CCR5 - FITC

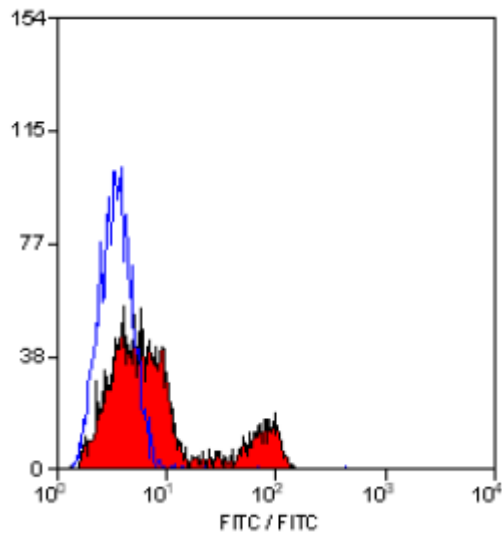
Alternate names:	C-C CKR-5, C-C chemokine receptor type 5, CC-CKR-5, CCR-5, CHEMR13, CMKBR5, HIV-1 fusion coreceptor
Catalog No.:	SM1861F
Quantity:	0.1 mg
Concentration:	0.1 mg/ml
Background:	CD195 acts as a receptor for a number of chemokines including RANTES and eotaxin and also serves as a coreceptor or the entry of HIV into cells. CD195 is expressed by a subset of T lymphocytes and by monocytes.
Uniprot ID:	P51681
NCBI:	NP_000570.1
GeneID:	1234
Host / Isotype:	Rat / IgG1
Clone:	HEK/1/85a
Immunogen:	CHO cells transfected with human CCR5. Spleen cells from immunised rats were fused with cell of the rat Y3 myeloma cell line.
Format:	State: Liquid purified IgG Purification: Affinity chromatography on Protein G Buffer System: PBS containing 0.09% Sodium Azide and 1% Bovine Serum Albumin Label: FITC – Fluorescein Isothiocyanate Isomer 1
Applications:	Flow cytometry: Neat - 1/10; Use 10µl of the suggested working dilution to label 100µl fresh whole blood. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognises the CD195 cell surface antigen, a 45kD glycoprotein also known as CCR5. Species: Human. Other species not tested.
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. This product is photosensitive and should be protected from light. Shelf life: one year from despatch.
General References:	1. Mueller, A. et al. (2002) Pathways for internalization and recycling of the chemokine receptor CCR5. Blood. 99: 785 - 791.

For research and in vitro use only. Not for diagnostic or therapeutic work.

Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Antibody Hotline - Technical Questions - Antibody Location Service
Free Call: 0800-2274746 (Germany only) - www.acris-antibodies.com

Pictures:



Staining of human peripheral blood lymphocytes with RAT ANTI HUMAN CD195:FITC (SM1861F).

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