

Rat anti-Human CD195 Monoclonal Antibody | anti-CD195 antibody

RAT ANTI HUMAN CD195

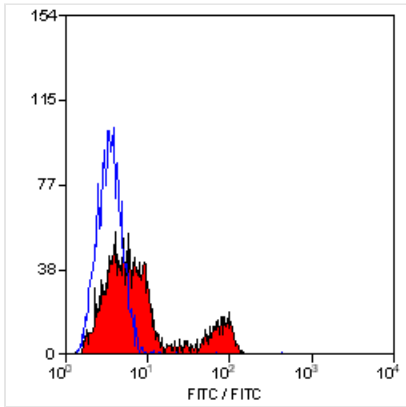
CATALOG # AAA11952	HOST Rat	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

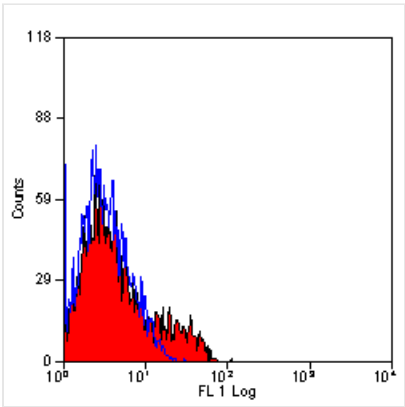
CD195; Monoclonal Antibody; RAT ANTI HUMAN CD195; anti-CD195 antibody

PRODUCT SPECIFICATIONS

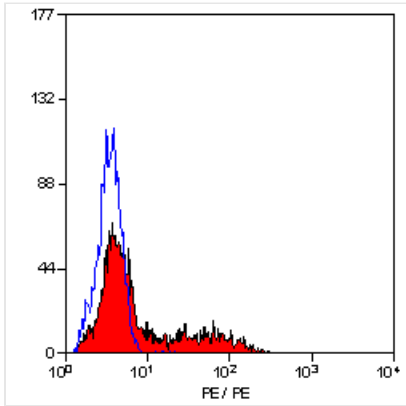
Host	Rat
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	HEK/1/85a
Form/Format	Purified IgG - liquid
Concentration	IgG concentration 1.0 mg/ml (varies by lot)
Sequence Length	352
Applicable Applications for anti-CD195 antibody	FCM/FACS (Flow Cytometry)
Application Notes	FC: 1/50-1/100 Flow Cytometry: Use 10ul of the suggested working dilution to label 100ul fresh whole blood. Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.
Perservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Preparation	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant
Immunogen	CHO cells transfected with human CCR5.
Fusion Partners	Spleen cells from immunised rats were fused with cell of the rat Y3 myeloma cell line.
Buffer Solution	Phosphate buffered saline
Target Species	Human
Preparation and Storage	Store at 4°C or at -20°C if preferred. This product should be stored undiluted. Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.



Application Data
Staining of human peripheral blood lymphocytes with Rat anti Human CD195:FITC



Application Data
Staining of human peripheral blood lymphocytes with Rat anti Human CD195: Azide Free



Application Data
Staining of human peripheral blood lymphocytes with Rat anti Human CD195:RPE

ADDITIONAL INFORMATION

Related Product Information for anti-CD195 antibody	Rat anti Human CD195 antibody, clone HEK/1/85a recognizes the human CD195 cell surface antigen, a 45kDa glycoprotein also known as CCR5. CD195 acts as a receptor for a number of chemokines including RANTES and eotaxin and also serves as a co-receptor for the entry of HIV into cells. CD195 is expressed by a subset of T lymphocytes and by monocytes.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502639
NCBI GeneID	1234
NCBI Accession #	NP_000570.1
NCBI GenBank Nucleotide #	NM_000579.3
UniProt Accession #	P51681; O14692; O14693; O14695; O14696; O14697; O14698; O14699; O14700; O14701; O14702; O14703
NCBI Official Full Name	C-C chemokine receptor type 5
NCBI Official Synonym Full Names	chemokine (C-C motif) receptor 5 (gene/pseudogene)
NCBI Official Symbol	CCR5
NCBI Official Synonym Symbols	CKR5; CCR-5; CD195; CKR-5; CCCR5; CMKBR5; IDDM22; CC-CKR-5
NCBI Protein Information	C-C chemokine receptor type 5; C-C motif chemokine receptor 5 A159A; HIV-1 fusion coreceptor; chemokine receptor CCR5; chemr13

UniProt Protein Name	C-C chemokine receptor type 5
UniProt Gene Name	CCR5
UniProt Synonym Gene Names	CMKBR5; C-C CKR-5; CC-CKR-5; CCR-5; CCR5
UniProt Entry Name	CCR5_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/cd195-antibody-clone-hek-1-85a-flow-cytometry-elisa/11952>