

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

Anti-Hu CD195 PE

CATALOG # AAA128972	HOST Mouse	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

CD195; Monoclonal Antibody; Anti-Hu CD195 PE; C-C motif chemokine receptor 5; CKR5; CCR5; CCCR5; CMKBR5; IDDM22; CC-CKR-5; anti-CD195 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1 kappa
Clone Number	T21/8
Specificity	The mouse monoclonal antibody T21/8 recognizes an extracellular epitope on the N-terminus of CD195, an approximately 45 kDa G-protein coupled receptor 1 family protein expressed on resting T cells, monocytes, macrophages, and immature dendritic cells.
Purity/Purification	The purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. The conjugate is purified by size-exclusion chromatography.
Form/Format	Stabilizing phosphate buffered saline (PBS) solution containing 15 mM sodium azide
Sequence Length	352
Applicable Applications for anti-CD195 antibody	FCM/FACS (Flow Cytometry)
Immunogen	CCR5 peptide (Met1-Lys22) KLH conjugate
Conjugation	PE
Preparation and Storage	Store in the dark at 2-8 degree C. Do not freeze. Avoid prolonged exposure to light.

ADDITIONAL INFORMATION

Related Product Information for anti-CD195 antibody	CD195 / CCR5 (also known as CKR-5) is a receptor for inflammatory CC-chemokines (characterized by a pair of adjacent cysteine residues), such as MIP-1 alpha, MIP-1 beta, or RANTES. It is a G protein-associated seven-pass transmembrane protein expressed on resting T cells with memory/effector phenotype, monocytes, macrophages and immature dendritic cells. This chemokine receptor regulates the activation and directed migration of leukocytes. Importantly, along with CD4, CD195 / CCR5 functions as a major receptor for HIV. Their ligand is the viral glycoprotein gp120.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502639
NCBI GeneID	1234
NCBI Accession #	NP_000570.1
NCBI GenBank Nucleotide #	NP_000570.1

UniProt Accession #	P51681
NCBI Official Full Name	C-C chemokine receptor type 5
NCBI Official Synonym Full Names	C-C motif chemokine receptor 5
NCBI Official Symbol	CCR5
NCBI Official Synonym Symbols	CKR5; CCR-5; CD195; CKR-5; CCCKR5; CMKBR5; IDDM22; CC-CKR-5
NCBI Protein Information	C-C chemokine receptor type 5
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-t21-8-flow-cytometry-elisa/128972>