

Mouse anti-Human CCR5 Monoclonal Antibody | anti-CCR5 antibody

Mouse Monoclonal [clone T21/8] (IgG1,k) to Human CCR5

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51936	Mouse	Human	ELISA, Flow Cytometry, Functional Assay, Immunoprecipitation, Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

CCR5; Monoclonal Antibody; Mouse Monoclonal [clone T21/8] (IgG1; k) to Human CCR5; Anti-CCR5 Antibody (clone T21/8) IHC-plus; C-C chemokine receptor 5; CD195 antigen; CD195; C-C CKR-5; Chemokine c-c motif receptor 5; Chemr13; CMKBR5; CKR5; Cc chemokine receptor 5; CCCKR5; CCR-5; Ccr5 receptor; Chemokine receptor CCR5; HIV-1 fusion coreceptor; IDDM22; Human CCR5; anti-CCR5 antibody

PRODUCT SPECIFICATIONS

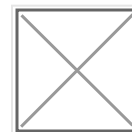
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	T21/8
Purity/Purification	Affinity Purified
Form/Format	Aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer
Concentration	0.5 mg/ml (varies by lot)
Sequence Length	352
Applicable Applications for anti-CCR5 antibody	ELISA, FCM/FACS (Flow Cytometry), IP (Immunoprecipitation), WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Human CCR5
Preparation and Storage	Store at 4 degree C

IMAGES



FCM/FACS (Flow Cytometry)

Staining of normal human peripheral blood cells with 0.25 ug of Purified Mouse IgG1, K isotype control (open histogram) or 0.25 ug of Purified anti-human CCR5 (T21/8) (colored histogram) followed by Biotin Anti-Mouse IgG and SAV-PE. Cells in the lymphocyte gate were used for analysis.



IHC (Immunohistochemistry)

Anti-CCR5 antibody IHC of human tonsil. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 20 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-CCR5 antibody	CCR5, a Chemokine Receptor, is a coreceptor for the human immunodeficiency virus-1 (HIV-1). HIV progression and resistance has been linked to variable CCR5 transcripts. For example, the disease progression from HIV-1 infection to AIDS appears to be slower in patients heterozygous for a 32-bp CCR5 deletion than in individuals homozygous for the normal CCR5 allele. The CCR5 gene is located near the genes for CCR2 and chemokine (C-C motif) receptor-like 2 on chromosome 3.
Product Categories/Family for anti-CCR5 antibody	Family: GPCR; Subfamily: Chemokine

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
Molecular Weight	40,524 Da
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; CCCKR5; CMKBR5; IDDM22; CC-CKR-5
NCBI Protein Information	C-C chemokine receptor type 5; chemr13; HIV-1 fusion coreceptor; chemokine receptor CCR5; C-C motif chemokine receptor 5 A159A
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.