

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

Anti-CCR5 (PKC site) [RC-10]

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA72178	Rabbit	Human	ELISA, Western Blot, Immunofluorescence

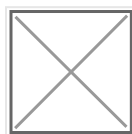
PRODUCT SYNONYMS

CCR5; Monoclonal Antibody; Anti-CCR5 (PKC site) [RC-10]; C-C chemokine receptor type 5; C-C CKR-5; CC-CKR-5; CCR-5; CHEMR13; HIV-1 fusion coreceptor; CD195; anti-CCR5 antibody

PRODUCT SPECIFICATIONS

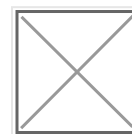
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG, kappa
Clone Number	RC-10
Specificity	This antibody recognizes non-activated nonphospho-CCR5. CCR5 is a receptor for a number of inflammatory CC-chemokines including CCL3/MIP-1-alpha, CCL4/MIP-1-beta and RANTES.
Purity/Purification	Purified antibody. Protein A affinity purified
Form/Format	PBS with 0.02% Proclin 300.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-CCR5 antibody	ELISA, WB (Western Blot), IF (Immunofluorescence)
Chimeric Use Statement	This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG1 format, for improved compatibility with existing reagents, assays and techniques.
PMID	12403770
Preparation and Storage	Store at 4 degree C for up to 3 months. For longer storage, aliquot and store at -20 degree C.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of fixed U937 cells with anti-CCR5 (PKC site) antibody RC-10 (AAA72178) Immunofluorescence analysis of paraformaldehyde fixed U937 cells on Shi-fix coverslips stained with the chimeric rabbit IgG version of RC-10 () at 10ug/ml for 1h followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing membrane staining. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom , DAPI, merged channels and an isotype control. The isotype control was an unknown specificity antibody followed by staining with Alexa Fluor 488 secondary antibody.



WB (Western Blot)

Western Blot using anti-CCR5 (PKC site) antibody RC-10 (AAA72178) Jurkat (A), Molt4 (B), K562 (C) and Daudi (D) cell lysates (35ug protein in RIPA buffer) were resolved on a SDS PAGE gel and blots were probed with the chimeric rabbit version of RC-10 () at 0.0003ug/ml, 0.001ug/ml, 0.003ug/ml and unknownug/ml, respectively, before detection using an anti-rabbit secondary antibody. A primary incubation of 1h was used and protein was detected by chemiluminescence.

ADDITIONAL INFORMATION

Related Product Information for anti-CCR5 antibody	Recombinant monoclonal antibody to CCR5 (PKC site). Recombinant Platform with variable regions (i.e. specificity) from the hybridoma RC-10. This antibody was raised by immunizing mice with CCR5.
Product Categories/Family for anti-CCR5 antibody	immunology ; chemokines ; inflammation
References	Pollok-Kopp et al. Analysis of ligand-stimulated CC chemokine receptor 5 (CCR5) phosphorylation in intact cells using phosphosite-specific antibodies. J Biol Chem. 2003 Jan 24;278(4):2190-8. Epub 2002 Oct 27.

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; CCCR5; 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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/ccr5-antibody-clone-rc-10-western-blot-immunofluorescence-elisa/72178>