

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

Anti-CCR5 (phosphoserine 349) [E11/19]

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA72174	Rabbit	Human	Immunoprecipitation, ELISA, Western Blot, Immunofluorescence

PRODUCT SYNONYMS

CCR5; Monoclonal Antibody; Anti-CCR5 (phosphoserine 349) [E11/19]; CD195; C-C chemokine receptor type 5; C-C CKR-5; CC-CKR-5; CCR-5; CHEMR13; HIV-1 fusion coreceptor; p349; pS349; Ser-349; Ser349; anti-CCR5 antibody

PRODUCT SPECIFICATIONS

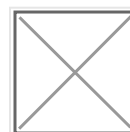
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG, kappa
Clone Number	E11/19
Specificity	The E11/19 monoclonal antibody binds to phosphoserine 349 corresponding to 22 c-terminal amino acid residue of human CCR5. CCR5 is a receptor for a number of inflammatory CC-chemokines including 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	IP (Immunoprecipitation), 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



FCM/FACS (Flow Cytometry)

Flow cytometry using the anti-CCR5 (phosphoserine 349) antibody E11/19 (AAA72174). U937 cells were fixed using 2% PFA and stained with anti-unknown specificity antibody or the rabbit IgG1 version of E11/19 (, blue line) at a dilution of 1:100 for 1h at RT. After washing, the bound antibody was detected using a goat anti-rabbit IgG AlexaFluor 488 antibody at a dilution of 1:1000 and cells analyzed using a FACSCanto flow-cytometer.



IF (Immunofluorescence)

Immunofluorescence staining of fixed U937 cells with anti-CCR5 (phosphoserine 349) antibody E11/19 (AAA72174) Immunofluorescence analysis of paraformaldehyde fixed U937 cells on Shi-fix coverslips stained with the chimeric rabbit IgG version of E11/19 () 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 (phosphoserine 349) antibody E11/19 (AAA72174) Molt4 cell lysate (35ug protein in RIPA buffer) was resolved on a SDS PAGE gel and blots were probed with the chimeric rabbit version of E11/19 () at 0.1ug/ml 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 (phosphoserine 349). Recombinant Platform with variable regions (i.e. specificity) from the hybridoma E11/19. This antibody was raised by immunizing mice with a synthetic phosphopeptide (CEAPERA(pS)(pS)VYTR(pS)TGEQI(pS)VGL) corresponding to the C-terminal region of human CCR5.
Product Categories/Family for anti-CCR5 antibody	immunology ; chemokines ; inflammation ; phosphorylation
References	Pollok-Koppet 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. Note on publication: This article describes the generation and characterization of the E11/19 antibody.

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; CCKR5; 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-e11-19-immunoprecipitation-western-blot-immunofluorescence-elisa/72174>