

Rabbit CCR5 Polyclonal Antibody | anti-CCR5 antibody

CCR5 Rabbit pAb

CATALOG # AAA282060	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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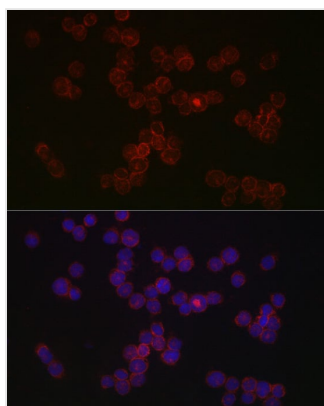
PRODUCT SYNONYMS

CCR5; Polyclonal Antibody; CCR5 Rabbit pAb; CKR5; CCR-5; CD195; CKR-5; CCCKR5; CMKBR5; IDDM22; CC-CKR-5; anti-CCR5 antibody

PRODUCT SPECIFICATIONS

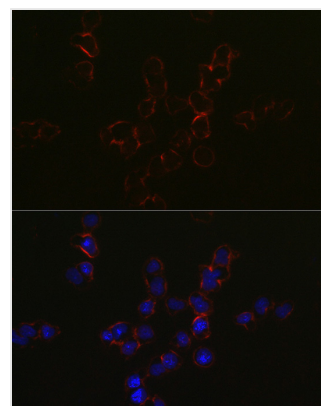
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Applicable Applications for anti-CCR5 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 100-200 of human CCR5 (NP_000570.1).
Positive Samples	Rat liver
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



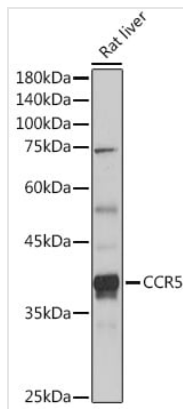
IF (Immunofluorescence)

Immunofluorescence analysis of THP-1 cells using CCR5 Rabbit pAb at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of Jurkat cells using CCR5 Rabbit pAb at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of Rat liver, using CCR5 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.

ADDITIONAL INFORMATION

Related Product Information for anti-CCR5 antibody	Background: This gene encodes a member of the beta chemokine receptor family, which is predicted to be a seven transmembrane protein similar to G protein-coupled receptors. This protein is expressed by T cells and macrophages, and is known to be an important co-receptor for macrophage-tropic virus, including HIV, to enter host cells. Defective alleles of this gene have been associated with the HIV infection resistance. The ligands of this receptor include monocyte chemoattractant protein 2 (MCP-2), macrophage inflammatory protein 1 alpha (MIP-1 alpha), macrophage inflammatory protein 1 beta (MIP-1 beta) and regulated on activation normal T expressed and secreted protein (RANTES). Expression of this gene was also detected in a promyeloblastic cell line, suggesting that this protein may play a role in granulocyte lineage proliferation and differentiation. This gene is located at the chemokine receptor gene cluster region. An allelic polymorphism in this gene results in both functional and non-functional alleles; the reference genome represents the functional allele. Two transcript variants encoding the same protein have been found for this gene.
Product Categories/Family for anti-CCR5 antibody	Signal Transduction; G protein signaling; G-Protein-Coupled Receptors(GPCR); Research; Immunology & Inflammation; CD5; Research; Immunology & Inflammation; Cell Intrinsic Innate Immunity Signaling Pathway; Chemokines; Research; Neuroscience; Neurodegenera

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/polyclonal/ccr5-antibody-immunofluorescence-western-blot-elisa/282060>