

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

CCR5 Antibody

CATALOG # AAA40255	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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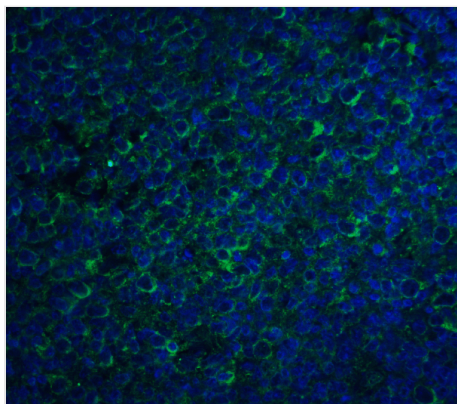
PRODUCT SYNONYMS

CCR5; Polyclonal Antibody; CCR5 Antibody; CKR5; CCR-5; CD195; CKR-5; CCCR5; CMKBR5; IDDM22; CC-CKR-5; C-C chemokine receptor type 5; CHEMR13; C-C CKR-5; chemokine (C-C motif) receptor 5; anti-CCR5 antibody

PRODUCT SPECIFICATIONS

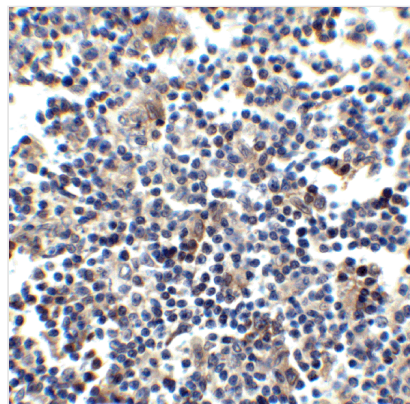
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	CCR5 Antibody is Antibody is DEAE purified.
Form/Format	Liquid
Sequence Length	352
Applicable Applications for anti-CCR5 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	CCR5 antibody was raised against a 15 amino acid peptide near the amino terminus of human CCR5.
Buffer	CCR5 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	CCR5 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



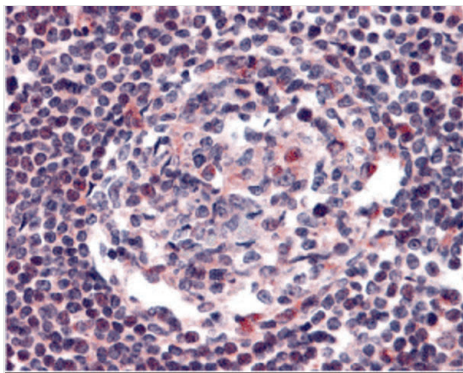
IF (Immunofluorescence)

Immunofluorescence of CCR5 in human lymph node tissue with CCR5 antibody at 20 μg/mL. Green: CCR5 Antibody (1112) Blue: DAPI staining

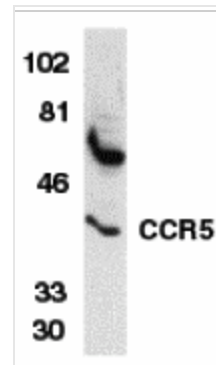


IHC (Immunohistochemistry)

Immunohistochemistry of CCR5 in human lymph node tissue with CCR5 antibody at 2.5 μg/mL.



IHC (Immunohistochemistry)
Immunohistochemistry of CCR5 in human lymph node tissue with CCR5 antibody at 20 µg/mL.



WB (Western Blot)
Western blot analysis of CCR5 in THP-1 whole cell lysate with CCR5 antibody at 1 µg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-CCR5 antibody

CCR5 Antibody: Human immunodeficiency virus (HIV) and related virus require coreceptors, in addition to CD4, to infect target cells. Some G protein-coupled receptors including CCR5, CXCR4, CCR3, CCR2b and CCR8 in the chemokine receptor family, and four new human molecules GPR15, STRL33, GPR1 and V28 were recently identified as HIV coreceptors. Among them, CCR5 (CC-CKR-5) is a principal coreceptor for macrophage- and dual-tropic HIV-1 strains fusion and entry of human white blood cells. CCR5 is required for the infection by HIV-1, HIV-2, and SIV. The beta-chemokines RANTES, MIP-alpha and MIP-beta are the ligands for CCR5 and prevent infection by M-tropic HIV-1. CXCR5 associates with the surface CD4-gp120 of HIV complex and leads to membrane fusion and virus entry of target cells. The amino-terminal domain and the extracellular loops of CCR5 serve as HIV binding sites. CCR5 messenger RNA is expressed in lymphoid organs and monocytes.

NCBI AND UNIPROT INFORMATION

NCBI GI #	2104520
NCBI GeneID	1234
UniProt Accession #	P51681; O14692; O14693; O14695; O14696; O14697; O14698; O14699; O14700; O14701; O14702; O14703
Molecular Weight	40 kDa
NCBI Official Full Name	ccr5
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/polyclonal/ccr5-antibody-immunohistochemistry-western-blot-elisa/40255>