# antibodies -online.com







# anti-CCR5 antibody (AA 151-177)





**Publications** 



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Quantity:	400 μL
Target:	CCR5
Binding Specificity:	AA 151-177
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CCR5 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Dotails	

#### Product Details

Immunogen:	This CCR5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 151-177 amino acids from the Central region of human CCR5.
Clone:	RB41438
Isotype:	lg Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

# **Target Details**

Target:	CCR5
Alternative Name:	CCR5 (CCR5 Products)
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. Two transcript variants encoding the same protein have been found for this gene.

Molecular Weight:

40524

NCBI Accession:

NP\_000570, NP\_001093638

UniProt:

P51681

Pathways:

Cellular Response to Molecule of Bacterial Origin, cAMP Metabolic Process, Regulation of Cell

Size

# **Application Details**

WB: 1:1000

Restrictions:

For Research Use only

## Handling

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Liquid

Buffer:

Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative:

Sodium azide

Precaution of Use:

This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

should be handled by trained staff only.

Storage:

4 °C,-20 °C

Expiry Date:

6 months

#### **Publications**

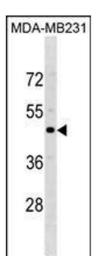
Product cited in:

Choudhary, Kumar, Gnad, Nielsen, Rehman, Walther, Olsen, Mann: "Lysine acetylation targets

protein complexes and co-regulates major cellular functions." in: **Science (New York, N.Y.)**, Vol. 325, Issue 5942, pp. 834-40, (2009) (PubMed).

Dickeson, Helmkamp, Yarbrough: "Sequence of a human cDNA encoding phosphatidylinositol transfer protein and occurrence of a related sequence in widely divergent eukaryotes." in: **Gene**, Vol. 142, Issue 2, pp. 301-5, (1994) (PubMed).

### **Images**



#### **Western Blotting**

**Image 1.** CCR5 Antibody (Center) (ABIN1881182 and ABIN2838678) western blot analysis in MDA-M cell line lysates (35  $\mu$ g/lane). This demonstrates the CCR5 antibody detected the CCR5 protein (arrow).