

## Rabbit CCR5 Polyclonal Antibody | anti-CCR5 antibody

CCR5 Antibody

|                               |                       |                                                           |
|-------------------------------|-----------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA225665</b> | HOST<br><b>Rabbit</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|-----------------------------------------------------------|

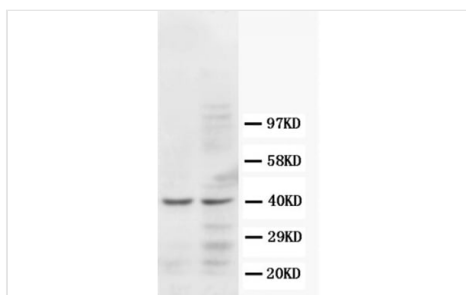
### PRODUCT SYNONYMS

CCR5; Polyclonal Antibody; CCR5 Antibody; Affinity Purified Rabbit Polyclonal CCR5 Antibody; Polyclonal CCR5 antibody; Anti-CCR5 antibody; chemokine; CCR-5; CC-CKR-5 antibody; CCR-5 antibody; CD195 antibody; C-C motif receptor 5 antibody; CCCKR5 antibody; CCR 5; CKR-5 antibody; CCR 5 antibody; CKR5 antibody; CMKBR5 antibody; anti-CCR5 antibody

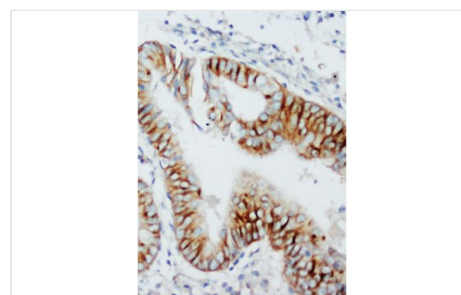
### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                                                        |
|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                                                                 |
| Clonality                                      | Polyclonal                                                                                                                                                                                             |
| Isotype                                        | IgG                                                                                                                                                                                                    |
| Purity/Purification                            | Affinity Chromatography                                                                                                                                                                                |
| Form/Format                                    | Lyophilized Form                                                                                                                                                                                       |
| Sequence Length                                | 352                                                                                                                                                                                                    |
| Applicable Applications for anti-CCR5 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                                                                                          |
| Immunogen                                      | CCR5 antibody was raised in Rabbit using a synthetic peptide corresponding to a sequence at the N-terminal of human CCR5, different from the related rat sequence by two amino acids, as the immunogen |
| Preparation and Storage                        | Store at 4 degree C for short term storage. For long term storage aliquot and store at -20 degree C. Avoid repeated freeze/thaw cycles.                                                                |

### IMAGES


**WB (Western Blot)**

Lane 1: Jurkat Cell Lysate; Lane 2: Colo320 Cell Lysate


**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded section of Human Rectal Cancer Tissue

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
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| Related Product Information for anti-CCR5 antibody | CCR5 is a member of the beta chemokine receptor family, which is predicted to be a seven transmembrane protein similar to G protein-coupled receptors. The 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 protein was also detected in a promyeloblastic cell line, suggesting that CCR5 may play a role in granulocyte lineage proliferation and differentiation. This gene is located at the chemokine receptor gene cluster region. |
| Product Categories/Family for anti-CCR5 antibody   | Cell Biology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

NCBI AND UNIPROT INFORMATION

|                                  |                                                            |
|----------------------------------|------------------------------------------------------------|
| NCBI GI #                        | 2104520                                                    |
| NCBI GeneID                      | 1234                                                       |
| NCBI Official Full Name          | ccr5                                                       |
| NCBI Official Synonym Full Names | C-C motif chemokine 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                              |

**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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