

# CKR-5 Polyclonal Antibody

Catalog # AP74056

## Product Information

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|--------------------------|------------------------|
| <b>Application</b>       | WB, IHC-P              |
| <b>Primary Accession</b> | <a href="#">P51681</a> |
| <b>Reactivity</b>        | Human                  |
| <b>Host</b>              | Rabbit                 |
| <b>Clonality</b>         | Polyclonal             |
| <b>Calculated MW</b>     | 40524                  |

## Additional Information

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|---------------------------|----------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>            | 1234                                                                                                                       |
| <b>Other Names</b>        | C-C chemokine receptor type 5 (C-C CKR-5) (CC-CKR-5) (CCR-5) (CCR5) (CHEMR13) (HIV-1 fusion coreceptor) (CD antigen CD195) |
| <b>Dilution</b>           | WB~~WB 1:500-2000,IHC-p 1:500-200, ELISA 1:10000-20000 IHC-P~~WB 1:500-2000,IHC-p 1:500-200, ELISA 1:10000-20000           |
| <b>Format</b>             | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.                                              |
| <b>Storage Conditions</b> | -20°C                                                                                                                      |

## Protein Information

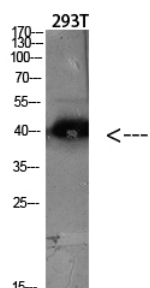
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|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Name</b>              | CCR5 ( <a href="#">HGNC:1606</a> )                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Synonyms</b>          | CMKBR5                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Function</b>          | Receptor for a number of inflammatory CC-chemokines including CCL3/MIP-1-alpha, CCL4/MIP-1-beta and RANTES and subsequently transduces a signal by increasing the intracellular calcium ion level. May play a role in the control of granulocytic lineage proliferation or differentiation. Participates in T-lymphocyte migration to the infection site by acting as a chemotactic receptor (PubMed: <a href="#">30713770</a> ). |
| <b>Cellular Location</b> | Cell membrane; Multi-pass membrane protein                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Tissue Location</b>   | Highly expressed in spleen, thymus, in the myeloid cell line THP-1, in the promyeloblastic cell line KG-1a and on CD4+ and CD8+ T-cells. Medium levels in peripheral blood leukocytes and in small intestine. Low levels in ovary and lung.                                                                                                                                                                                       |

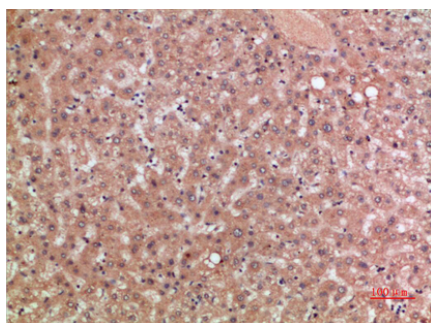
## Background

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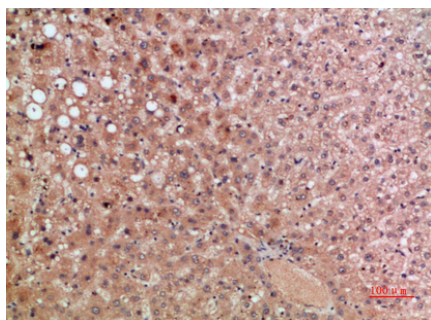
## Images



Western blot analysis of Hela lysate, antibody was diluted at 2000. Secondary antibody was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human-liver, antibody was diluted at 1:200



Immunohistochemical analysis of paraffin-embedded human-liver, antibody was diluted at 1:200

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.