10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

# Anti-CCR5 Antibody

Catalog # AP61109

## Product Information

| | |
|---|---|
| **Application** | WB |
| **Primary Accession** | P51681 |
| **Reactivity** | Human, Mouse, Rabbit, Bovine, Mk |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 40524 |

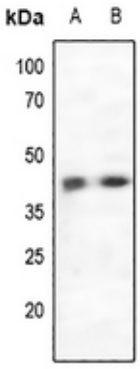
## Additional Information

| | |
|---|---|
| **Gene ID** | 1234 |
| **Other Names** | CMKBR5; C-C chemokine receptor type 5; C-C CKR-5; CC-CKR-5; CCR-5; CCR5; CHEMR13; HIV-1 fusion coreceptor; CD195 |
| **Target/Specificity** | KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human CCR5. The exact sequence is proprietary. |
| **Dilution** | WB~~WB (1/500 - 1/1000) |
| **Format** | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide. |
| **Storage** | Store at -20 °C.Stable for 12 months from date of receipt |

## Protein Information

| | |
|---|---|
| **Name** | CCR5 ( HGNC:1606) |
| **Synonyms** | CMKBR5 |
| **Function** | 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:30713770). |
| **Cellular Location** | Cell membrane; Multi-pass membrane protein |
| **Tissue Location** | 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. |

## Images




Western blot analysis of CCR5 expression in K562 (A), MCF7 (B) whole cell lysates. (Predicted band size: 40 kD; Observed band size: 41 kD)

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