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Anti-CCR5 Antibody
Rabbit polyclonal antibody to CCR5
Catalog # AP61109

Specification

Anti-CCR5 Antibody - Product Information

Application	**WB**
Primary Accession	P51681
Other Accession	P51682
Reactivity	**Human, Mouse, Monkey, Bovine**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**40524**

Anti-CCR5 Antibody - 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
Recognizes endogenous levels of CCR5 protein.

Dilution
WB~~WB (1/500 - 1/1000)

Format
Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage
Store at -20 °C.Stable for 12 months from date of receipt

Anti-CCR5 Antibody - 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

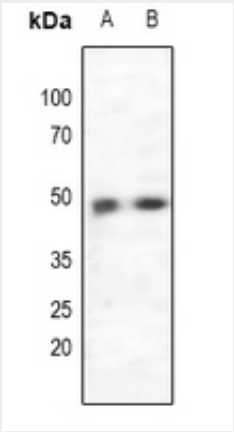
Tissue Location
Highly expressed in spleen, thymus, in the myeloid cell line THP-1, in the promyeloblastic cell line KG-1a and on CD4+ and CD8+ T-cells. Medium levels in peripheral blood leukocytes and in small intestine. Low levels in ovary and lung.

Anti-CCR5 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-CCR5 Antibody - Images



Western blot analysis of CCR5 expression in K562 (A), MCF7 (B) whole cell lysates.

Anti-CCR5 Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human CCR5. The exact sequence is proprietary.