

**CKR-1 Polyclonal Antibody**  
**Catalog # AP74124****Specification**

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**CKR-1 Polyclonal Antibody - Product Information**

Application	<b>IHC-P</b>
Primary Accession	<a href="#">P32246</a>
Reactivity	<b>Human</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>

**CKR-1 Polyclonal Antibody - Additional Information****Gene ID** 1230**Other Names**

C-C chemokine receptor type 1 (C-C CKR-1) (CC-CKR-1) (CCR-1) (CCR1) (HM145) (LD78 receptor) (Macrophage inflammatory protein 1-alpha receptor) (MIP-1alpha-R) (RANTES-R) (CD antigen CD191)

**Dilution**

IHC-P~~N/A

**Format**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

**Storage Conditions**

-20°C

**CKR-1 Polyclonal Antibody - Protein Information****Name** CCR1**Synonyms** CMKBR1, CMKR1, SCYAR1**Function**

Chemokine receptor that plays a crucial role in regulating immune cell migration, inflammation, and immune responses (PubMed:<a href="http://www.uniprot.org/citations/14991608" target="\_blank">14991608</a>). Contributes to the inflammatory response by recruiting immune cells, such as monocytes, macrophages, T-cells, and dendritic cells, to sites of inflammation for the clearance of pathogens and the resolution of tissue damage. When activated by its ligands including CCL3, CCL5-9, CCL13-16 and CCL23, triggers a signaling cascade within immune cells, leading to their migration towards the source of the chemokine (PubMed:<a href="http://www.uniprot.org/citations/15905581" target="\_blank">15905581</a>). For example, mediates neutrophil migration after activation by CCL3 leading to the sequential release of TNF-alpha and leukotriene B4 (By similarity). Also mediates monocyte migration upon CXCL4 binding (PubMed:<a href="http://www.uniprot.org/citations/29930254" target="\_blank">29930254</a>). Activation by CCL5 results in neuroinflammation through the

ERK1/2 signaling pathway (By similarity).

**Cellular Location**

Cell membrane; Multi-pass membrane protein

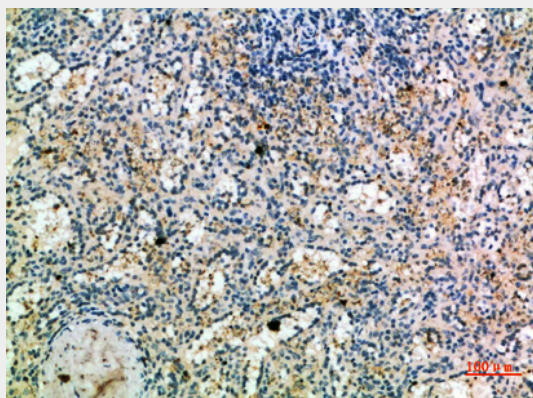
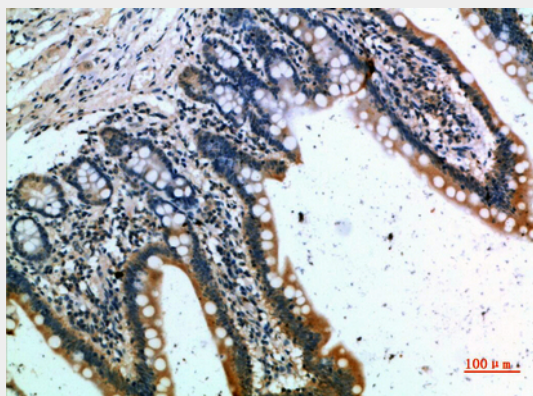
**Tissue Location**

Widely expressed in different hematopoietic cells.

**CKR-1 Polyclonal 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 Cytometry](#)
- [Cell Culture](#)

**CKR-1 Polyclonal Antibody - Images****CKR-1 Polyclonal Antibody - Background**

Receptor for a C-C type chemokine. Binds to MIP-1-alpha, MIP-1-delta, RANTES, and MCP-3 and, less efficiently, to MIP-1- beta or MCP-1 and subsequently transduces a signal by increasing the intracellular calcium ions level. Responsible for affecting stem cell proliferation.