

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

Application	IHC
Primary Accession	P32246
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

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~~IHC-p 1:50-200, ELISA 1:10000-20000

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: [14991608](http://www.uniprot.org/citations/14991608)). 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: [15905581](http://www.uniprot.org/citations/15905581)). For example, mediates neutrophil migration after activation by CCL3 leading to the sequential release of TNF-alpha and leukotriene B4 (By similarity). Mediates also monocyte migration upon CXCL4 binding (PubMed: [29930254](http://www.uniprot.org/citations/29930254)). Activation by CCL5 results in neuroinflammation through the

ERK1/2 signaling pathway (By similarity).

Cellular Location

Cell membrane; Multi-pass membrane protein

Tissue Location

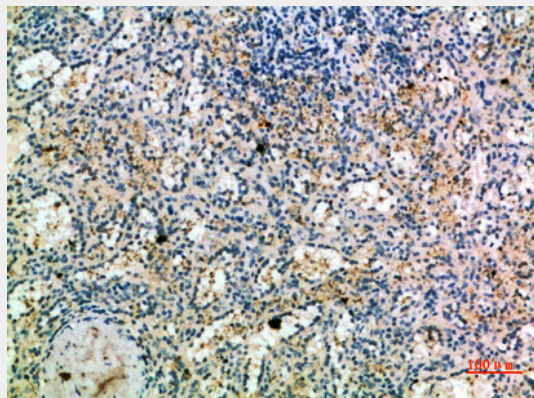
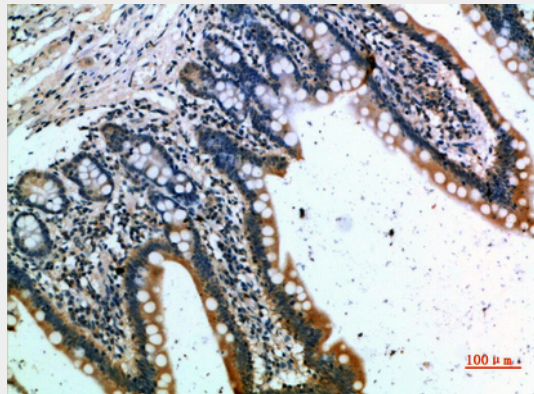
Widely expressed in different hematopoietic cells.

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.