

CCR1 Polyclonal Antibody

Catalog NumberPA5-33391

Product data sheet

| Details | | Species Reactivity | |
|--------------------|--|--|------------|
| Size | 50 µg | Species reactivity | Human |
| Host/Isotope | Rabbit / IgG | Tested Applications | Dilution * |
| Class | Polyclonal | | |
| Type | Antibody | Immunohistochemistry (Paraffin) (IHC (P)) | 5 µg/mL |
| Immunogen | Synthetic 20 amino acid peptide from 2nd extracellular domain of human CCR1. | * Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls. | |
| Conjugate | Unconjugated | | |
| Form | Liquid | | |
| Concentration | 1 mg/mL | | |
| Purification | Antigen affinity chromatography | | |
| Storage buffer | PBS | | |
| Contains | 0.1% sodium azide | | |
| Storage Conditions | Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles. | | |

Product specific information

Percent identity with other species by BLAST analysis: Human, Gorilla (100%) Gibbon, Bovine (95%) Mouse (85%) Marmoset (80%).

Background/Target Information

Chemokines play important roles in inflammation and are critical for the recruitment of effector immune cells to sites of infection. Chemokines activate leukocytes by binding to G protein coupled receptors. The ever-growing chemokine receptor subtypes can be divided into 2 major groups, CXCR and CCR, based on the 2 major classes of chemokines. One of the CCR receptors, CCR1, is expressed on neutrophils, monocytes, lymphocytes, and eosinophils and binds the leukocyte chemoattractant and hemopoiesis regulator macrophage-inflammatory protein (MIP-1), eotaxin, as well as several other related chemokines. Mice lacking the chemokine receptor CCR1 have defects in neutrophil trafficking and proliferation.

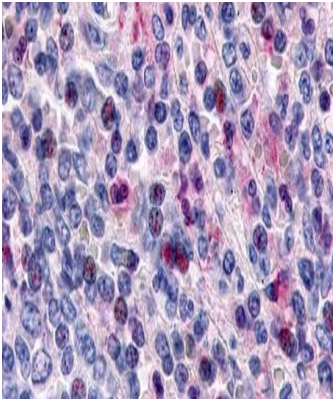
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Product Images For CCR1 Polyclonal Antibody



CCR1 Antibody (PA5-33391) in IHC (P)
Immunohistochemical analysis of formalin-fixed paraffin-embedded human spleen, lymphocytes using a CD191/CCR1 polyclonal antibody (Product # PA5-33391). Heat-induced antigen retrieval was performed prior to staining.

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