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Mouse Anti-Human C-C Chemokine Receptor 1 (CCR1) Monoclonal Antibody Datasheet

Product Name: mAb anti-Human CCR1

Clone No.: 293

Catalogue No.: MO-C40005A

Quantity: 0.5 mg/vial

Description: Mouse monoclonal antibody to human C-C Chemokine Receptor 1 (CCR1)

Purification: Protein G affinity purified

Product Type: Primary antibody

Target Protein: C-C Chemokine Receptor 1 (CCR1)

Immunogen: A 15 amino-acid peptide corresponding to the amino acid sequence 305-319 on human CCR1 was conjugated with KLH for immunization.

Fusion Myeloma: Sp2/0-Ag14

Specificity: This antibody is reactive to the above peptide conjugated KLH. The antibody does not cross react with KLH, BSA and HSA.

Species Reactivity: Human

Host / Isotype: Mouse, IgG1 Kappa

Formulation: Lyophilized in 0.01M PBS, pH 7.0.

Reconstitution: Double distilled water is recommended and to adjust the final concentration to 1.00mg/mL.

Storage: Store at -20°C

Research Area: Chemokine Receptor

Background: CCR1, also called CD191, is the first CC chemokine receptor identified at DNA level. Like other CC chemokine receptors, CCR1 is a G-protein coupled 7 transmembrane protein. Genes for CCR1 and several other chemokine forms a cluster on chromosome 3p.

A number of CC chemokines, such as MIP-1 β , Rantes, MIP1- α , MIP1- δ , RANTES, and MIP3, MIP1 γ , HCC1 and HCC4 have been found to be the ligands of CCR1. CCR1 expression has been reported to be implicated in rheumatoid arthritis, chronic lymphocytic leukemia and hairy cell leukemia.

Applications: **ELISA:** The antibody reacts with the CCR1 peptide KLH conjugate (Immunogen) in indirect ELISA assay.

Other applications have not been evaluated.

References: If research is published using this product, please inform Anogen in order to cite the reference on this datasheet. Anogen will provide one unit of product in the same category as gratitude.

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