

## Product datasheet for **AM26714PU-N**

### CCR1 (305-319) Mouse Monoclonal Antibody [Clone ID: 293]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	293
Applications:	ELISA
Recommended Dilution:	<b>ELISA:</b> Reacts with the CCR1 peptide KLH conjugate (Immunogen) in indirect ELISA assay.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	A 15 amino - acid peptide corresponding to the amino acid sequence 305-319 on human CCR1 conjugated with KLH
Specificity:	This antibody is reactive to CCR1 conjugated KLH. The antibody does not cross react with KLH, BSA and HSA.
Formulation:	0.01M PBS, pH 7.0 State: Purified State: Lyophilized ig fraction
Reconstitution Method:	Restore with double distilled water to adjust the final concentration to 1.0 mg/ml.
Concentration:	lot specific
Purification:	Protein G affinity purified
Conjugation:	Unconjugated
Storage:	Prior to reconstitution store at 2-8°C. Following reconstitution store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	C-C motif chemokine receptor 1
Database Link:	<a href="#">Entrez Gene 1230 Human P32246</a>



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**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 $\beta$ , Rantes, MIP1- $\alpha$ , MIP1- $\delta$ , RANTES, and MIP3, MIP1  $\gamma$ , 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.

**Synonyms:**

C-C chemokine receptor type 1, C-C CKR-1, CC-CKR-1, CCR-1, CMKBR1, CMKR1, SCYAR1, HM145, LD78 receptor