

## Product datasheet for **TA344354**

### CCR2 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-CCR2 antibody: synthetic peptide directed towards the middle region of human CCR2. Synthetic peptide located within the following region: LIMVICYSGILKTLRLCRNEKRRHRAVRVIFTIMIVYFLFWTPYNIVILL
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	42 kDa
Database Link:	<a href="#">NP_000638</a> <a href="#">Entrez Gene 1231</a>



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**Background:**

This gene encodes two isoforms of a receptor for monocyte chemoattractant protein-1, a chemokine which specifically mediates monocyte chemotaxis. Monocyte chemoattractant protein-1 is involved in monocyte infiltration in inflammatory diseases such as rheumatoid arthritis as well as in the inflammatory response against tumors. The receptors encoded by this gene mediate agonist-dependent calcium mobilization and inhibition of adenylyl cyclase. This gene encodes two isoforms of a receptor for monocyte chemoattractant protein-1, a chemokine which specifically mediates monocyte chemotaxis. Monocyte chemoattractant protein-1 is involved in monocyte infiltration in inflammatory diseases such as rheumatoid arthritis as well as in the inflammatory response against tumors. The receptors encoded by this gene mediate agonist-dependent calcium mobilization and inhibition of adenylyl cyclase. This gene is located in the chemokine receptor gene cluster region. Two alternatively spliced transcript variants are expressed by the gene.

**Synonyms:**

CC-CKR-2; CCR2A; CCR2B; CD192; CKR2; CKR2A; CKR2B; CMKBR2; MCP-1-R

**Note:**

Immunogen Sequence Homology: Human: 100%; Pig: 93%; Rat: 93%; Rabbit: 93%

**Protein Families:**

Druggable Genome, GPCR, Transmembrane

**Product images:**

WB Suggested Anti-CCR2 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:62500; Positive Control: 721\_B cell lysate