

## Product datasheet for **TA330381**

### **MCP2 (CCL8) 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-CCL8 antibody: synthetic peptide directed towards the middle region of human CCL8. Synthetic peptide located within the following region: SYTRITNIQCPKEAVIFKTKRGKEVCADPKERWVRDSMKHLDQIFQNLKP
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>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	9 kDa
Gene Name:	C-C motif chemokine ligand 8
Database Link:	<a href="#">NP_005614</a> <a href="#">Entrez Gene 6355 Human</a> <a href="#">P80075</a>



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**Background:**

CCL8 gene is one of several cytokine genes clustered on the q-arm of chromosome 17. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. The protein is structurally related to the CXC subfamily of cytokines. Members of this subfamily are characterized by two cysteines separated by a single amino acid. This cytokine displays chemotactic activity for monocytes, lymphocytes, basophils and eosinophils. By recruiting leukocytes to sites of inflammation this cytokine may contribute to tumor-associated leukocyte infiltration and to the antiviral state against HIV infection. This gene is one of several cytokine genes clustered on the q-arm of chromosome 17. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. The protein encoded by this gene is structurally related to the CXC subfamily of cytokines. Members of this subfamily are characterized by two cysteines separated by a single amino acid. This cytokine displays chemotactic activity for monocytes, lymphocytes, basophils and eosinophils. By recruiting leukocytes to sites of inflammation this cytokine may contribute to tumor-associated leukocyte infiltration and to the antiviral state against HIV infection. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.

**Synonyms:**

HC14; MCP-2; MCP2; SCYA8; SCYA10

**Note:**

Immunogen sequence homology: Human: 100%

**Protein Families:**

Druggable Genome, Secreted Protein

**Protein Pathways:**

Chemokine signaling pathway, Cytokine-cytokine receptor interaction, NOD-like receptor signaling pathway

**Product images:**


WB Suggested Anti-CCL8 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:62500; Positive Control: Human heart