

## CCL2

**Reactivity:**Human Mouse

**Tested applications:**WB IHC IF

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:100 - 1:200 IF 1:50 - 1:100

**Calculated MW:**11kDa

**Observed MW:**Refer to figures

**Immunogen:**

Recombinant protein of human CCL2

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

HC11; MCAF; MCP1; MCP-1; SCYA2; GDCF-2; SMC-CF; HSMCR30;

**Catalog #:**A7277

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**6347

**Isotype:**IgG

**Swiss Prot:**P13500

**Purity:**Affinity purification

For research use only.

**Background:**

This gene is one of several cytokine genes clustered on the q-arm of chromosome 17. Chemokines are a superfamily of secreted proteins involved in immunoregulatory and inflammatory processes. The superfamily is divided into four subfamilies based on the arrangement of N-terminal cysteine residues of the mature peptide. This chemokine is a member of the CC subfamily which is characterized by two adjacent cysteine residues. This cytokine displays chemotactic activity for monocytes and basophils but not for neutrophils or eosinophils. It has been implicated in the pathogenesis of diseases characterized by monocytic infiltrates, like psoriasis, rheumatoid arthritis and atherosclerosis. It binds to chemokine receptors CCR2 and CCR4.

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