

## Datasheet

### CCL2 monoclonal antibody, clone 9G10

**Catalog Number:** MAB6316

**Regulation Status:** For research use only (RUO)

**Product Description:** Mouse monoclonal antibody raised against recombinant CCL2.

**Clone Name:** 9G10

**Immunogen:** Recombinant protein corresponding to human CCL2.

**Host:** Mouse

**Reactivity:** Human

**Applications:** ELISA, IA

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Specificity:** This antibody is reactive with natural and recombinant human CCL2.

**Form:** Lyophilized

**Isotype:** IgG1, kappa

**Recommend Usage:** The optimal working dilution should be determined by the end user.

**Storage Buffer:** Lyophilized from 10 mM PBS, pH 7.2

**Storage Instruction:** Store at -20°C.

Aliquot after reconstitution to avoid repeated freezing and thawing.

**Entrez GeneID:** 6347

**Gene Symbol:** CCL2

**Gene Alias:** GDCF-2, HC11, HSMCR30, MCAF, MCP-1, MCP1, MGC9434, SCYA2, SMC-CF

**Gene Summary:** 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 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. [provided by RefSeq]