

Hamster monoclonal anti human CCL2

(Azide-free & Low endotoxin)

ORDERING INFORMATION

Catalog Number:	gAP-0203
Size:	1.00 mg
Storage:	< -20° C
Immunogen:	Human recombinant CCL-2
Ig Type:	Hamster (Armenia) IgG
Clone	AP-MAB1603
Endotoxin Level	< 0.002EU/μg IgG*
Applications:	FC, WB, and Neutralization

Description: Monocyte chemotactic protein-1 (MCP-1) also known as monocyte chemotactic and activating factor (MCAF) was identified based on its ability to chemoattract monocytes. Subsequently, MCP-1 has also been found to regulate adhesion molecule expression and cytokine production in monocytes. MCP-1 is identical to the product of the JE gene, a PDGF inducible gene. MCP-1 is a member of the beta (C-C) chemokine subfamily, known as CCL2.

Preparation: This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from an Armenia hamster immunized with **human CCL2 recombinant protein**).

Formulation: The IgG fraction of **culture supernatant** was purified by Protein A/G affinity chromatography and lyophilized from a 0.2 μm filtered solution in phosphate-buffered saline (PBS, **Azide Free**).

Reconstitution: Reconstitute the antibody with sterile PBS and the reconstituted antibody can be aliquoted and stored frozen at < -20 for at least for six months without detectable loss of activity. **Avoid repeated freeze-thaw cycles.** Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C.

***Endotoxin Level:** **Extremely low level of LPS (< 0.002EU/μg IgG)**

Application(s):

- 1. FC**
- 2. WB**
- 3. Neutralization (natural or recombinant CCL2)**
(This clone is cross reactive to mouse and rat CCL2)

*** The antibody is produced by in vitro culture and for research use only**