CCL2

Armenian Hamster Anti-Mouse MCP-1/JE/CCL2 Clone 2H5 LE/NA mAb

Catalog No.	CSI10130 CSI10131	**Quantity:**	50 µg 0.5 mg

Alternate Names: Monocyte chemoattractant protein-1, Monocyte chemoattractant and activating factor (MCAF), JE, Small inducible cytokine A2 (SCYA2), HC-11, P6, Smooth muscle cell chemotactic factor (SMC-CF), CCL2,

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. The 2H5 antibody reacts with mouse, rat, and human MCP-1. The 2H5 antibody can neutralize the bioactivity of natural or recombinant MCP-1.

Concentration: 1.0 mg/ml

Gene ID: 20296

Host: Mouse

Immunogen: CHO-expressed, recombinant mouse MCP-1

Isotype: Armenian Hamster IgG

Clone: 2H5

Bioactivity: Chemoattractant; regulates adhesion molecule expression, cytokine production in monocytes; proliferation/activation of CC-chemokine activated killer cells

Formulation: Phosphate-buffered solution, pH 7.2, containing no preservative. 0.2 µm filter sterilized. Endotoxin level is < 0.1 EU/µg of the protein (< 0.01 ng/µg of the protein) as determined by the LAL test.

Purification: The (Low Endotoxin, Azide-Free) antibody was Purified by affinity chromatography.

Reactivity: Mouse, Rat, Human

Applications: ELISA Capture, IHC, WB

Recommended Usage: Each lot of this antibody is quality control tested by ELISA analysis. For ELISA capture applications, a concentration range of 5-10 µg/ml is recommended. To obtain a linear standard curve, serial dilutions of MCP-1 recombinant protein ranging from 2000 to 15 pg/ml are recommended for each ELISA plate. For immunofluorescent staining, the

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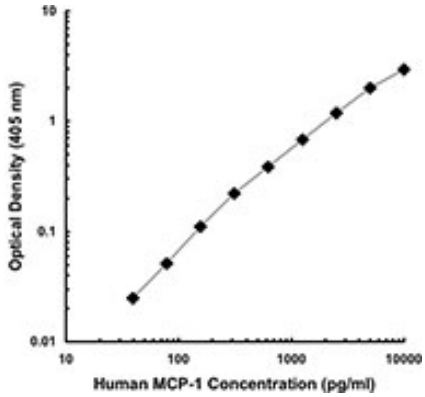
suggested use of this reagent is ≤0.5 µg per 10^6 cells in 100 µl volume. It is recommended that the reagent be titrated for optimal performance for each application.

Storage & Stability: The antibody solution should be stored undiluted at 2-4°C. **Do not freeze. This solution contains no preservative; handle under aseptic conditions.**



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