

## CCL2

### Armenian Hamster Anti-Mouse MCP-1/JE/CCL2 Clone 4E2/MCP Biotin mAb

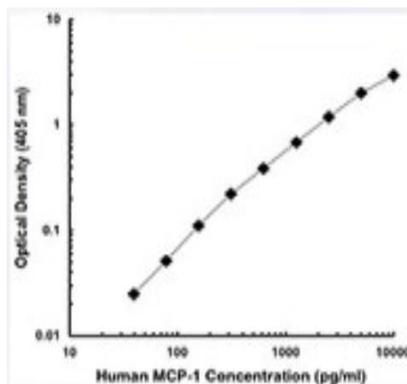
<b>Catalog No.</b>	CSI10016 CSI10017	<b>Quantity:</b>	50 µg 0.5 mg
<b>Alternate Names:</b>	AI323594, HC11, JE, MCAF, MCP-1, MCP1, SMC-CF, Scya2, Sigje, monocyte chemoattractant protein-1, monocyte chemotactic protein, small inducible cytokine A2		
<b>Description:</b>	Monocyte chemotactic protein-1 (MCP-1) 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 4E2/MCP antibody reacts with mouse MCP-1. This antibody does not react with human MCP-1 and related mouse beta chemokines, TCA3 and MIP-1beta. The 4E2/MCP antibody can not neutralize the bioactivity of natural or recombinant MCP-1.		
<b>Concentration:</b>	0.5 mg/ml		
<b>Gene ID:</b>	20296		
<b>Host:</b>	Armenian Hamster		
<b>Immunogen:</b>	CHO-expressed, recombinant mouse MCP-1		
<b>Isotype:</b>	Armenian Hamster IgG		
<b>Clone:</b>	4E2/MCP		
<b>Bioactivity:</b>	Chemoattractant; regulates adhesion molecule expression, cytokine production in monocytes; proliferation/activation of CC-chemokine activated killer cells		
<b>Formulation:</b>	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide. <b>Precaution:</b> Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
<b>Purification:</b>	The antibody was purified by affinity chromatography, and conjugated with biotin under optimal conditions. The solution is free of unconjugated biotin.		
<b>Reconstitution:</b>	Recommended Usage: Each lot of this antibody is quality control tested by ELISA assay. For ELISA capture applications, a concentration range of 2-8 µg/ml is recommended. To obtain a linear standard curve, serial dilutions of MCP-1 recombinant protein ranging from 2000 to 31.3 pg/ml are recommended for each ELISA plate. It is recommended that the reagent be titrated for optimal performance for each application.		
<b>Reactivity:</b>	Mouse		
<b>Applications:</b>	ELISA Detection, ELISPOT Detection		
<b>Recommended Usage:</b>			



Each lot of this antibody is quality control tested by ELISA assay. For use as an ELISA detection antibody, a concentration range of 1-4 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. 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**



**NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.**

