

CCL2

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

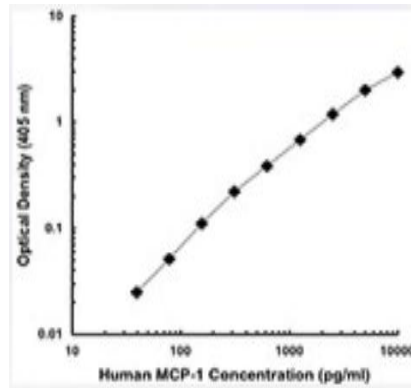
Catalog No.	CSI10016 CSI10017	Quantity:	50 µg 0.5 mg
Alternate Names:	AI323594, HC11, JE, MCAF, MCP-1, MCP1, SMC-CF, Scya2, Sigje, monocyte chemoattractant protein-1, monocyte chemotactic protein, small inducible cytokine A2		
Description:	Monocyte chemotactic protein-1 (MCP-1) also known as monocyte 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 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.		
Concentration:	0.5 mg/ml		
Gene ID:	20296		
Host:	Armenian Hamster		
Immunogen:	CHO-expressed, recombinant mouse MCP-1		
Isotype:	Armenian Hamster IgG		
Clone:	4E2/MCP		
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 0.09% sodium azide. Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
Purification:	The antibody was purified by affinity chromatography, and conjugated with biotin under optimal conditions. The solution is free of unconjugated biotin.		
Reconstitution:	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.		
Reactivity:	Mouse		
Applications:	ELISA Detection, ELISPOT Detection		
Recommended Usage:			



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.

