

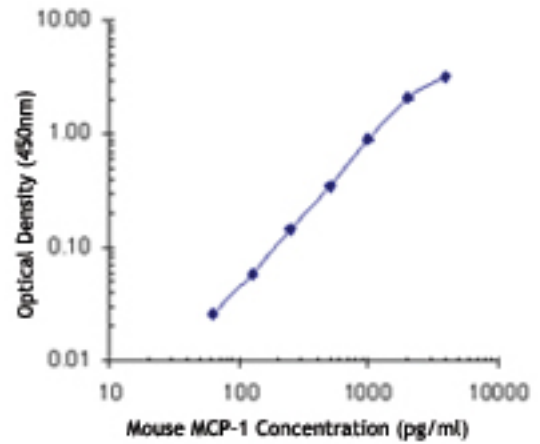
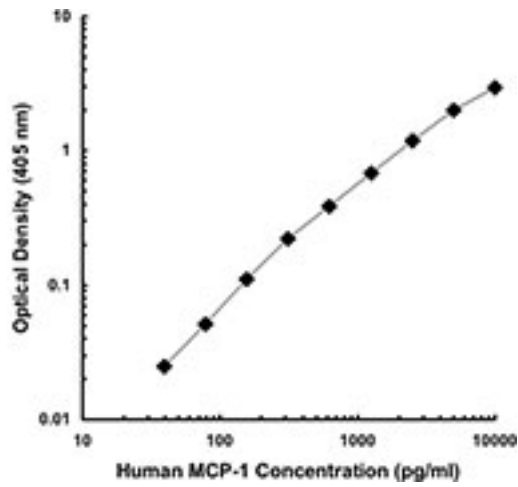
CCL2

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

Catalog No.	CS110128 CS110129	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:	0.5 mg/ml		
Gene ID:	20296		
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 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.		
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 suggested use of this reagent is $\leq 0.5 \mu\text{g}$ 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.**



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

