

### 43-1089: Monoclonal Antibody to Human/Mouse MCP-1 (CCL2) NALE™ Purified (Clone: 2H5)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	2H5
<b>Application :</b>	FACS
<b>Reactivity :</b>	Human
<b>Gene :</b>	CCL2/Ccl2
<b>Gene ID :</b>	6347/ 20296
<b>Uniprot ID :</b>	P13500/P10148
<b>Alternative Name :</b>	MCP1, SCYA2, HC11, Monocyte chemoattractant protein 1, Monocyte chemotactic and activating factor, Monocyte secretory protein JE, Small-inducible cytokine A2, Je, Mcp1, Scya2
<b>Isotype :</b>	Armenian Hamster IgG

#### Description

The 2H5 monoclonal antibody specifically reacts with mouse, rat, human MCP-1 (Monocyte Chemoattractant Protein-1), also known as CCL2 and MCAF (Monocyte Chemotactic and Activating Factor). MCP-1 is a C-C (beta) chemokine that regulates cytokine production in monocytes and the expression of adhesion molecules. The 2H5 antibody can neutralize the bioactivity of recombinant or natural MCP-1.

#### Product Info

<b>Amount :</b>	500 µg
<b>Content :</b>	1 mg/ml in Phosphate-buffered aqueous solution, pH7.2.
<b>Storage condition :</b>	The product should be stored undiluted at 4°C. Do not freeze. The monoclonal antibody was purified utilizing affinity chromatography. The endotoxin level is determined by LAL test to be less than 0.01 EU/µg of the protein.

#### Application Note

The antibody has been analyzed for quality through the flow cytometric analysis of the relevant cell type. It is recommended that the reagent be titrated for optimal performance for each application.