

## APC Anti-Human CCL2 Antibody[2H5]

Catalog Number: AN00841E

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Description

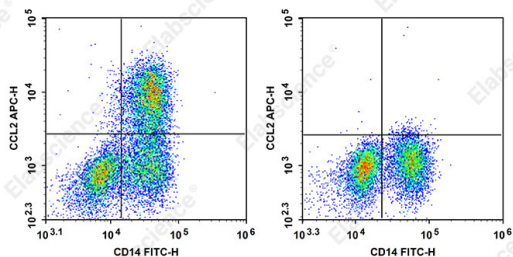
<b>Reactivity</b>	Human
<b>Host</b>	Armenian Hamster
<b>Isotype</b>	Armenian Hamster IgG, κ
<b>Clone No.</b>	2H5
<b>Isotype Control</b>	APC Armenian Hamster IgG Isotype Control[PIP] [Product E-AB-F09852E]
<b>Conjugation</b>	APC
<b>Conjugation Information</b>	APC is designed to be excited by the Red (627-640 nm) laser and detected using an optical filter centered near 660 nm (e.g., a 660/20 nm bandpass filter).
<b>Storage Buffer</b>	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

### Applications

### Recommended usage

<b>FCM</b>	Each lot of this antibody is quality control tested by flow cytometric analysis. <b>The amount of the reagent is suggested to be used 5 μL of antibody per test (million cells in 100 μL staining volume or per 100 μL of whole blood).</b> Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.
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### Data



Human peripheral blood mononuclear cells (PBMC) were stimulated with (left) or without (right) LPS. The PBMC were surface stained with FITC Anti-Human CD14 Antibody then intracellularly stained with APC Anti-Human CCL2 Antibody[2H5]. Cells in the monocytes gate were used for analysis.

### Preparation & Storage

<b>Storage</b>	Keep as concentrated solution. This product can be stored at 2-8°C for 24 months. Please protect from prolonged exposure to light and do not freeze.
<b>Shipping</b>	Ice bag

### Antigen Information

<b>Alternate Names</b>	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; AN00841
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### For Research Use Only

**Uniprot ID**

P13500

**Gene ID**

6347

**Background**

Monocyte chemoattractant protein-1 (MCP-1) also known as monocyte chemoattractant 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.