

A Reliable Research Partner in Life Science and Medicine

PE Anti-Human CCL2 Antibody[2H5]

Catalog Number: AN00841D

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

Description

Reactivity Human

Armenian Hamster Host Isotype Armenian Hamster IgG, ĸ

Clone No. 2H5

PE Armenian Hamster IgG Isotype Control[PIP] [Product E-AB-F09852D] Isotype Control

Conjugation

Conjugation Information PE is designed to be excited by the Blue (488 nm), Green (532 nm) and Yellow-Green

(561 nm) lasers and detected using an optical filter centered near 575 nm (e.g., a 585/42

nm bandpass filter).

Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

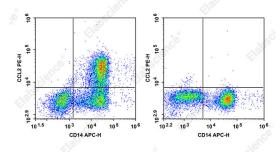
Applications Recommended usage

FCM Each lot of this antibody is quality control tested by flow cytometric analysis. 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). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for

individual use.

Data



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

Preparation & Storage

Storage Keep as concentrated solution.

This product can be stored at 2-8°C for 12 months. Please protected from prolonged

exposure to light and do not freeze.

Shipping Ice bag

Antigen Information

For Research Use Only

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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;AN00841

Uniprot ID P13500
Gene ID 6347
Background Monocyt

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.

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