

A Reliable Research Partner in Life Science and Medicine

Elab Fluor® 647 Anti-Human CCL2 Antibody[2H5]

Catalog Number: AN00841M

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

Description

Reactivity Human

Host Armenian Hamster
Isotype Armenian Hamster IgG, κ

Clone No. 2H5

Isotype Control Elab Fluor® 647 Armenian Hamster IgG Isotype Control[PIP] [Product E-AB-F09852M]

Conjugation Elab Fluor® 647

Conjugation Information Elab Fluor[®] 647 is designed to be excited by the Red laser (627-640 nm) and detected

using an optical filter centered near 670 nm (e.g., a 660/20 nm bandpass filter).

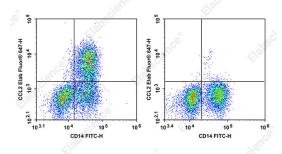
Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

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 μ L of antibody per test (million cells in 100 μ L staining volume or per 100 μ L 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 FITC Anti-Human CD14 Antibody then

intracellular stained with Elab Fluor[®] 647 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

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

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 Uniprot ID
 P13500

 Gene ID
 6347

Background

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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