

A Reliable Research Partner in Life Science and Medicine

Elab Fluor® 647 Anti-Mouse CD14 Antibody[Sa14-2]

Catalog Number: E-AB-F1176M

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

Description

Reactivity Mouse Host Rat

Isotype Rat IgG2a, κ
Clone No. Sa14-2

Isotype Control Elab Fluor® 647 Rat IgG2a, κ Isotype Control[2A3] [Product E-AB-F09832M]

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).

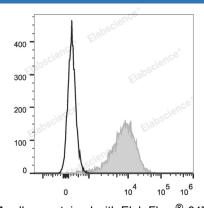
Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

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



RAW264.7 cells are stained with Elab Fluor[®] 647 Anti-Mouse CD14 Antibody (filled gray histogram). Unstained RAW264.7 cells (empty black histogram) are used as control.

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 CD 14;Monocyte differentiation antigen CD14;Myeloid cell-specific leucine-rich

glycoprotein

 Uniprot ID
 P10810

 Gene ID
 12475

For Research Use Only

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Background

CD14 is a 53-55 kD glycosylphosphatidylinositol (GPI)-linked membrane glycoprotein also known as LPS receptor. CD14 is expressed on macrophages, dendritic cells, Kupffer cells, hepatocytes, and granulocytes. As a high-affinity receptor for LPS-LBP (LPS-binding protein) complex, CD14, in association with Toll-like Receptor 4 (TLR4) or 2 (TLR2), is involved in the clearance of gram-negative pathogens.

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