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PE/Cyanine5.5 Anti-Mouse CD14 Antibody[Sa14-2]

Catalog No.E-AB-F1176IReactivityMouseStorageStore at 2~8°C, Avoid freeze / thaw cyclesApplicationsFCM

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

Antigen Information

Alternate Names Uniprot ID CD 14, Myeloid cell-specific leucine-rich glycoprotein, Monocyte differentiation antigen CD14

P10810

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.

Product Details

Form Liquid

Size 50Tests/100Tests/100Tests×2

Clone No. Sa14-2 Host Rat

 $\begin{tabular}{lll} \textbf{Isotype} & Rat IgG2a, \kappa \\ \textbf{Reactivity} & Mouse \\ \textbf{Application} & FCM \\ \end{tabular}$

Isotype Control PE/Cyanine5.5 Rat IgG2a, κ Isotype Control[2A3] [Product E-AB-F09832I]

Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.

Shipping Biological ice pack at 4 °C **Stability & Storage** Keep as concentrated solution.

Store at 2~8°C and protected from prolonged exposure to light.Do not freeze.

This product is guaranteed up to one year from purchase.

For Research Use Only

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Fluorophore

Conjugation: PE/Cyanine5.5

PE/Cyanine5.5 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 690 nm (e.g., a 690/50 nm bandpass filter).

Recommended usage

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.

Related Information

- 1. Sample Preparation for Flow Cytometry https://www.elabscience.com/List-detail-5594.html
- 2. Staining Cell Surface Targets for Flow Cytometry https://www.elabscience.com/List-detail-5568.html
- 3. Flow Cytometry Troubleshooting Tips https://www.elabscience.com/List-detail-5593.html
- 4. How to select the appropriate detection channel through the spectrogram? https://www.elabscience.com/Listdetail-459742.html

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