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APC Anti-Human CD180 Antibody[MHR73-11]

Catalog Number: AN00326E

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

Description

Reactivity Human Host Mouse

Isotype Mouse IgG1, κ
Clone No. MHR73-11

Isotype Control APC Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792E]

Conjugation APC

Conjugation Information 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).

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

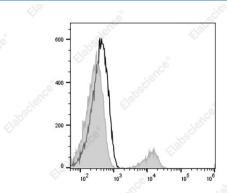
Applications Recommended usage

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



Staining of normal human peripheral blood cells with APC Anti-Human CD180 Antibody[MHR73-11] (filled gray histogram) or APC Mouse IgG1, κ Isotype Control (empty black histogram). Cells in the lymphocytes 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 lce bag

Antigen Information

Alternate Names CD180;Radio-protective 105-kD protein;RP105

 Uniprot ID
 Q99467

 Gene ID
 4064

For Research Use Only

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Background

CD180, also known as RP105, is a 105 kD member of the toll-like receptor (TLR) family and is expressed on most B cells, monocytes/macrophages and dendritic cells. The TLR family's structural characteristics are critically involved in protein-protein signaling interactions leading to the activation of the innate immune system. Additionally, MD-1, a secretory protein, associates with CD180 (RP105) at the cell surface and this complex, in conjunction with TLR4, recognizes bacterial LPS. The human CD180 (RP105) gene maps to 5q12. The MHR73-11 antibody is able to activate B cells and to protect against irradiation- or dexamethasone-induced apoptosis.

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