

Purified Anti-Human CD180 Antibody[MHR73-11]

catalog number: AN003260P

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

Description

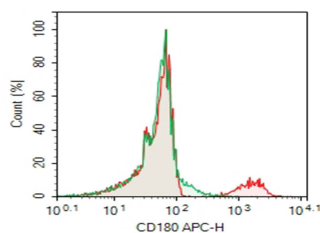
Reactivity	Human
Immunogen	Recombinant Human CD180 protein
Host	Mouse
Isotype	Mouse IgG1, κ
Clone	MHR73-11
Purification	>98%, Protein A/G purified
Buffer	Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer. Dialyze to completely remove the stabilizer prior to labeling.

Applications

Recommended Dilution

FCM	2 $\mu\text{g/mL}$ (0.5×10^6 - 1×10^6 cells)
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Data



Verified Samples in FCM: Human peripheral blood lymphocytes

Preparation & Storage

Storage	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.
Shipping	Ice bag

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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