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Purified Anti-Human CD38 Antibody[AT13/5]

catalog number: AN003540P

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

Description

Reactivity Human

Immunogen Recombinant Human CD38 protein

Host Mouse

Isotype Mouse IgG1, κ

Clone AT13/5

Purification >98%, Protein A/G purified

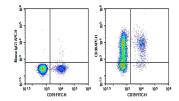
Buffer Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer.

Dialyze to completely remove the stabilizer prior to labeling.

Applications Recommended Dilution

FCM 2 μ g/mL(0.5×10⁶-1×10⁶ cells)

Data



Human peripheral blood lymphocytes were stained with 0.2 μg Purified Anti-Human CD38 Antibody[AT13/5] (Right) and 0.2 μg Mouse IgG1, κ Isotype Control (Left), followed by APC-conjugated Goat Anti-Mouse IgG Secondary Antibody, then anti-Human CD19 FITC-conjugated Monoclonal Antibody.

Preparation & Storage

Storage Storage, avoid freeze /

thaw cycles.

Shipping Ice bag

Background

CD38, also known as ADP-ribosyl cyclase, is a Type II integral membrane protein. The enzyme is able to transform NAD(P)+ into three different products with calcium mobilizing ability, cyclic ADP-ribose, NAADP+, and ADP-ribose. CD38 is expressed in B and T lymphocytes, osteoclasts, and in cardiac, pancreatic, liver and kidney cells. Through its production of cyclic ADP-ribose, CD38 modulates calcium-mediated signal transduction in many types of cells, including neutrophils and pancreatic beta cells.

For Research Use Only

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