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APC Anti-Human CD38 Antibody[AT13/5]

Catalog Number: AN00354E

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

Description

Reactivity Human Host Mouse

Isotype Mouse IgG1, κ

Clone No. AT13/5

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).

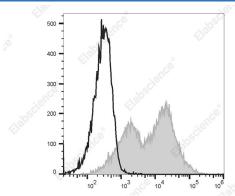
Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

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 CD38 Antibody[AT13/5] (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 Ice bag

Antigen Information

Alternate Names T10;ADP-ribosyl cyclase

 Uniprot ID
 P28907

 Gene ID
 952

For Research Use Only

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Background

Elabscience®

CD38 is a 45 kD type II transmembrane glycoprotein also known as T10. It is an ADPribosyl hydrolase expressed at variable levels on hematopoietic cells and in some nonhematopoietic tissues (such as brain, muscles, and kidney). In humans, it is expressed at high levels on plasma cells and activated T and B cells. By functioning as both a cyclase and a hydrolase, CD38 mediates lymphocyte activation, adhesion, and the metabolism of cADPR and NAADP. CD31 is the ligand of CD38.

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