

Manufacturer/Supplier:

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Product name: Anti-Human CD38 Monoclonal Antibody(AF488
Conjugated)

Catalog: DL20770F

Synonyms: ADP-ribosyl cyclase/cyclic ADP-ribose hydrolase
1,CD38,2'-phospho-ADP-ribosyl
cyclase,2'-phospho-cyclic-ADP-ribose
transferase,ADP-ribosyl cyclase 1,ADPRC 1,Cyclic
ADP-ribose hydrolase 1,cADPr hydrolase
1,T10,CD38

Background: CD38 is a 45 kD type II transmembrane glycoprotein
also known as T10. It is an ADP-ribosyl hydrolase
expressed at variable levels on hematopoietic cells
and in some non-hematopoietic 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.

Form: Liquid

Isotype: Mouse IgG1, κ

Size:

Host: Mouse

20Tests/100Tests/100Tests \times 2

Reactivity: Human

Application: FCM

Concentration: 5 μ L

Conjugation: AF488

SwissProt: P28907

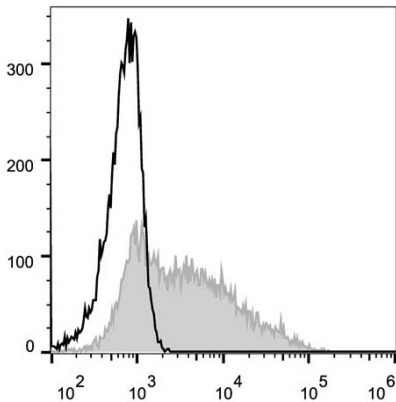
Buffer: Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.

Recommended Use:

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:

Human peripheral blood lymphocytes are stained with Anti-Human CD38 Monoclonal Antibody (AF488 Conjugated)(filled gray histogram). Unstained lymphocytes (empty black histogram) are used as control.



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.