

Manufacturer/Supplier:

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Product name: Anti-Mouse/Human CD44 Monoclonal
Antibody(AF488 Conjugated)

Catalog: DL21185F

Synonyms: CD44 antigen, CD44, CDw44, Epican, Phagocytic
glycoprotein 1, PGP-1, Phagocytic glycoprotein
I, PGP-I, CD44, LHR, MDU2, MDU3, MIC4

Background: CD44 is a 80-95 kD glycoprotein also known as
Hermes, Pgp1, H-CAM, or HUTCH. It is expressed
on all leukocytes, endothelial cells, hepatocytes, and
mesenchymal cells. As B and T cells become
activated or progress to the memory stage, CD44
expression increases from low or mid levels to high
levels. Thus, CD44 has been reported to be a
valuable marker for memory cell subsets. High CD44
expression on Treg cells has been associated with

potent suppressive function via high production of IL-10. CD44 is an adhesion molecule involved in leukocyte attachment to and rolling on endothelial cells, homing to peripheral lymphoid organs and to the sites of inflammation, and leukocyte aggregation.

Form: Liquid

Isotype: Rat IgG2b, κ

Size:

Host: Rat

20Tests/100Tests/100Tests \times 2

Reactivity: Human, Mouse

Application: FCM

Concentration: 5 μ L

Conjugation: AF488

SwissProt: P15379,P16070

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

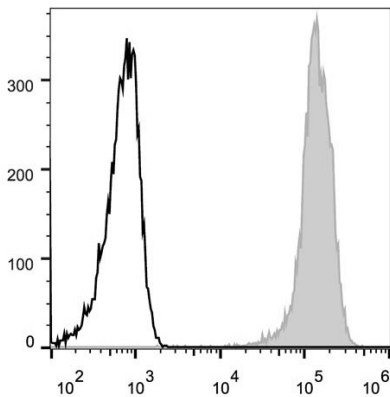
Recommended Use:

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:

C57BL/6 murine splenocytes are stained with Anti-Mouse/Human CD44 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.