

Manufacturer/Supplier:

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Product name: Anti-Human CD44 Monoclonal
Antibody(PE/Cyanine7 Conjugated)

Catalog: DL20575F

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 a low or mid level of
intensity to high expression levels. Thus, CD44 has
been reported to be a valuable marker for memory
cell subsets. 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: Mouse IgG2a, κ

Size:

Host: Mouse

20Tests/100Tests/100Tests \times 2

Reactivity: Human

Application: FCM

Concentration: 5 μ L

Conjugation: PE/Cyanine7

SwissProt: P16070

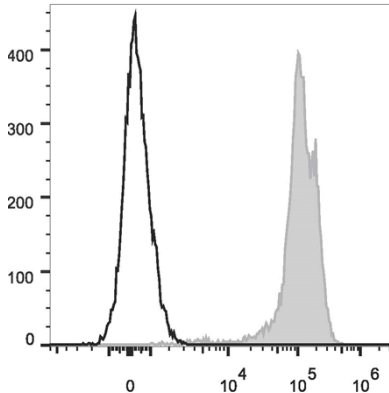
Buffer: Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.

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:

Human peripheral blood lymphocytes are stained with Anti-Human CD44 Monoclonal Antibody(PE/Cyanine7 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.