

**Manufacturer/Supplier:**

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**Product name:** Anti-Human CD44 Monoclonal  
Antibody(PerCP/Cyanine5.5 Conjugated)

**Catalog:** DL20577F

**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,  $\kappa$

**Size:**

20Tests/100Tests/100Tests $\times$ 2

**Host:** Mouse

**Reactivity:** Human

**Application:** FCM

**Concentration:** 5  $\mu$ L

**Conjugation:** PerCP/Cyanine5.5

**SwissProt:** P16070

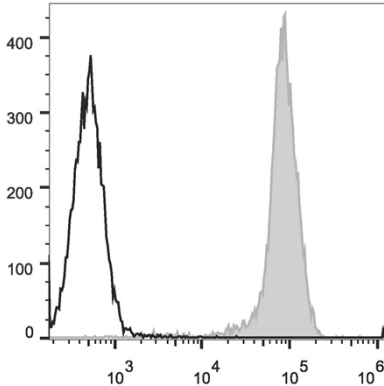
**Buffer:** Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.

### **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  $\mu$ L of antibody per test (million cells in 100  $\mu$ L staining volume or per 100  $\mu$ 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(PerCP/Cyanine5.5 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.