

**Manufacturer/Supplier:**

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**Product name:** Purified Anti-Human CD44 Monoclonal Antibody

**Catalog:** DL20568F

**Synonyms:** CD44 antigen, CD44, CDw44, Epican, Phagocytic glycoprotein 1, PGP-1, Phagocytic glycoprotein 1, 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:** 25  $\mu$ g/100  $\mu$ g

**Host:** Mouse

**Reactivity:** Human

**Application:** FCM,IHC,IP

**Concentration:** 0.5 mg/mL

**Conjugation:** Unconjugated

**SwissProt:** P16070

**Buffer:** PBS with 0.05% Proclin300

### **Recommended Use:**

Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is  $\leq 1 \mu$ g per  $10^6$  cells in 100  $\mu$ l volume or 100  $\mu$ l of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.

### **Storage:**

Keep as concentrated solution.



Store at 2~8°C. Do not freeze.

This product is guaranteed up to one year from purchase.