

**Manufacturer/Supplier:**

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**Product name:** Anti-Rat CD44H Monoclonal Antibody(FITC  
Conjugated)

**Catalog:** DL22287F

**Synonyms:** Pgp-1, H-CAM, CD44s, CD44H

**Background:** CD44 is an 80-95 kD cell surface glycoprotein. It is expressed on all leukocytes, endothelial cells, hepatocytes, and mesenchymal cells. It is up-regulated when T cells and B cells are activated. It was reported that CD44 is a valuable marker for memory T cells. CD44 is an adhesion molecule involved in leukocyte adhesion and homing to lymphoid organs. The OX-49 antibody reacts with CD44H (known as CD44s) expressed on most leukocytes, except for a subset of B lymphocytes. The epitope recognized by OX-49 antibody has been

mapped to a region on both the standard, CD44s, and the splice variant, CD44v, isoforms of CD44. However it was reported that OX-49 antibody cannot detect the CD44V isoform, possibly due to conformational changes in the epitope.

**Form:** Liquid

**Isotype:** Mouse IgG2a,  $\kappa$

**Size:**

50Tests/100Tests/100Tests $\times$ 2

**Host:** Mouse

**Reactivity:** Rat

**Application:** FCM

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

**Conjugation:** FITC

**SwissProt:**

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

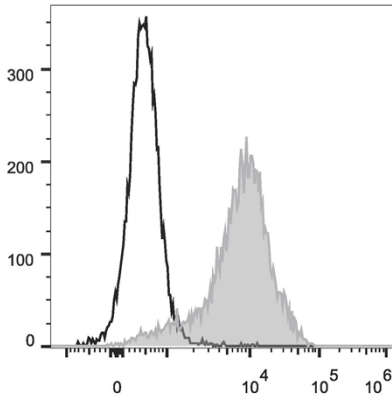
**Recommended Use:**

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:**

Rat splenocytes are stained with Anti-Rat CD44H Monoclonal Antibody(FITC Conjugated)(filled gray histogram). Unstained splenocytes (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.