

Manufacturer/Supplier:

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Product name: Anti-Rat CD44H Monoclonal
Antibody(PerCP/Cyanine5.5 Conjugated)

Catalog: DL22291F

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, κ

Size:

50Tests/100Tests/100Tests \times 2

Host: Mouse

Reactivity: Rat

Application: FCM

Concentration: 5 μ L

Conjugation: PerCP/Cyanine5.5

SwissProt:

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

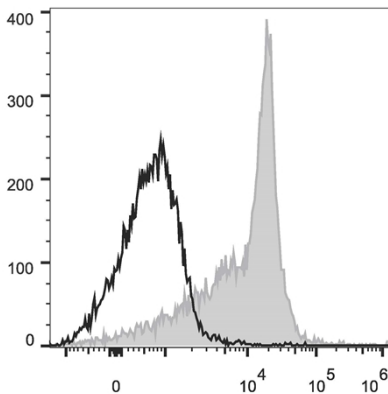
Recommended Use:

Each lot of this antibody is quality control tested by flow cytometric analysis. The amount of the reagent is suggested to be used 5 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:

Rat splenocytes are stained with Anti-Rat CD44H Monoclonal Antibody(PerCP/Cyanine5.5 Conjugated)(filled gray histogram)or Mouse IgG2a, κ Isotype Control(PerCP/Cyanine5.5 Conjugated)(empty black histogram).



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.