

**Manufacturer/Supplier:**

WUXI DONGLIN SCI&TECH DEVELOPMENT CO., LTD

**Address:** A1-203 Mingpin CityII, No.8 Xihudong Road, Liangxi District  
Wuxi Jiangsu Province, China

TELE: 86-510-82732223

FAX: 86-510-82720101-8014

**Web :** [www.dldevelop.com](http://www.dldevelop.com)

Email: [info@dldevelop.com.cn](mailto:info@dldevelop.com.cn)    [service@dldevelop.com.cn](mailto:service@dldevelop.com.cn)

**Product name:** Anti-Rat CD44H Monoclonal  
Antibody(PE/Cyanine5 Conjugated)

**Catalog:** DL22290F

**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:** PE/Cyanine5

**SwissProt:**

**Buffer:**

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

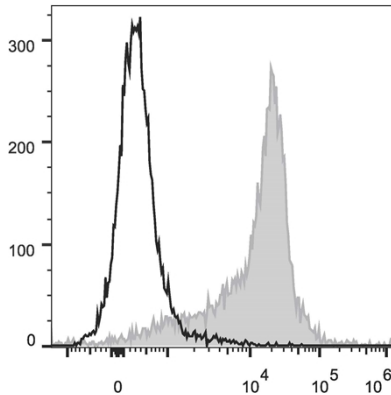
**Recommended Use:**

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(PE/Cyanine5 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.