

**Manufacturer/Supplier:**

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**Product name:** Anti-Rat CD90/Mouse CD90.1 Monoclonal  
Antibody(PE Conjugated)

**Catalog:** DL22298F

**Synonyms:** Rat Thy-1; Mouse Thy-1.1

**Background:** CD90, also known as Thy-1, is a 28-30 kD GPI-linked membrane glycoprotein. It is a member of the immunoglobulin superfamily and has been shown to interact with CD45 in signal transduction during lymphocyte proliferation and differentiation. CD90 is expressed on hematopoietic stem cells, neurons, thymocytes, peripheral T cells, fibroblasts, stromal cells.

**Form:** Liquid

**Isotype:** Mouse IgG1,  $\kappa$

**Size:**

50Tests/100Tests/100Tests×2

**Host:** Mouse**Reactivity:** Rat**Application:** FCM**Concentration:** 5 µL**Conjugation:** PE**SwissProt:**

P01830,Q53YX2

**Buffer:**

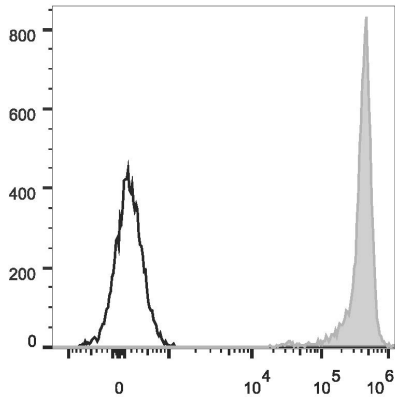
Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.

**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 µL of antibody per test (million cells in 100 µL staining volume or per 100 µL of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.

**Data:**

Rat thymocytes are stained with Anti-Rat CD90/Mouse CD90.1 Monoclonal Antibody(PE Conjugated)(filled gray histogram). Unstained thymocytes (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.