

Manufacturer/Supplier:

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Product name: Anti-Human CD90 Monoclonal
Antibody(PE/Cyanine7 Conjugated)

Catalog: DL21886F

Synonyms: CDw90, T25, FLJ33325, Thy1, CD7

Background: CD90 is a 25-35 kD GPI-anchored protein, also known as Thy-1. It belongs to the Ig superfamily. Human CD90 is expressed on neuronal cells, a subset of CD34+ cells, a subset of fetal liver cells and fetal thymocytes, fibroblasts, activated endothelial cells, and some leukemia cell lines. CD34+CD90+ cells are primitive hematopoietic stem cells. It has been reported that Thy-1 binds with $\beta 2$ and $\beta 3$ integrins and plays bimodal roles in the regulation of cell adhesion and neurite outgrowth, and inhibits hematopoietic stem cells proliferation and

differentiation.

Form: Liquid

Isotype: Mouse IgG1, κ

Size:

Host: Mouse

20Tests/100Tests/100Tests \times 2

Reactivity: Human

Application: FCM

Concentration: 5 μ L

Conjugation: PE/Cyanine7

SwissProt: P04216

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

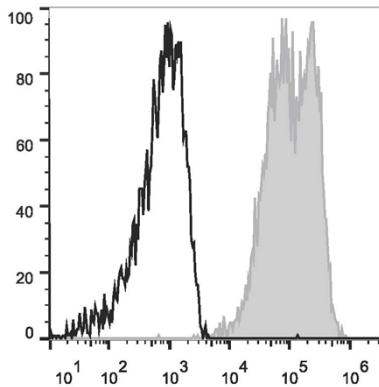
Recommended Use:

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:

Human erythroleukemic cell line (HEL) are stained with Anti-Human CD90 Monoclonal Antibody(PE/Cyanine7

Conjugated)(filled gray histogram) or Mouse IgG1, κ Isotype Control(PE/Cyanine7 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.