

Manufacturer/Supplier:

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Product name: Purified Anti-Mouse CD90 Monoclonal Antibody

Catalog: DL21107F

Synonyms: Thy-1 membrane glycoprotein, Thy1, Thy-1
antigen, CD90, Thy-1

Background: CD90 is a 25-35 kD immunoglobulin superfamily member, also known as Thy-1. It is expressed on hematopoietic stem cells and neurons, all thymocytes, and peripheral T cells, but not on B cells. CD90 is a glycosylphosphatidylinositol (GPI)-anchored membrane glycoprotein involved in signal transduction. CD90 is involved in costimulation of lymphocyte proliferation and activation, and hematopoietic stem cell differentiation. CD90 has been shown to interact with CD45.

Form: Liquid

Isotype: Rat IgG2b, κ

Size: 50 μg /100 μg

Host: Rat

Reactivity: Mouse

Application: FCM

Concentration: 0.5 mg/mL

Conjugation: Unconjugated

SwissProt: P01831

Buffer: PBS with 0.05% Proclin300

Recommended Use:

Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is $\leq 2.0 \mu\text{g}$ per 10^6 cells in 100 μL volume or 100 μL of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.

Storage:

Keep as concentrated solution.

Store at 2~8°C. Do not freeze.



This product is guaranteed up to one year from purchase.