

**Manufacturer/Supplier:**

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**Product name:** Anti-Mouse CD90 Monoclonal Antibody(AF488  
Conjugated)

**Catalog:** DL21117F

**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,  $\kappa$

**Size:** 50 Tests/100 Tests/200  
Tests/500 Tests

**Host:** Rat

**Reactivity:** Mouse

**Application:** FCM

**Concentration:**

**Conjugation:** AF488

**SwissProt:** P01831

**Buffer:** PBS with 0.05% Proclin300, 1% BSA

### **Recommended Use:**

Each lot of this antibody is quality control tested by immunofluorescent staining with 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.

### **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.