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## AF/LE Purified Anti-Mouse CD90 Antibody[M5/49.4.1]

catalog number: E-AB-F12830

Note: Centrifuge before opening to ensure complete recovery of vial contents.

#### Description

Reactivity Mouse

Immunogen Recombinant Mouse CD90 protein

**Host** Rat

IsotypeRat  $\lg G2a$ ,  $\kappa$ CloneM5/49.4.1

**Purification** >98%, Protein A/G purified

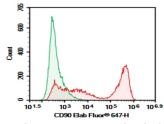
Buffer Sterile PBS, pH 7.2. < 1.0 EU per mg of the antibody as determined by the LAL

method.

# Applications Recommended Dilution

FCM  $2 \mu g/mL(0.5 \times 10^6 - 1 \times 10^6 \text{ cells})$ 

#### Data



C57/BL6 Mouse splenocytes were stained with 0.2  $\mu$ g AF/LE Purified Anti-Mouse CD90 Antibody[M5/49.4.1] (Right) and 0.2  $\mu$ g Rat IgG2a,  $\kappa$  Isotype Control (Left), followed by Elab

Fluor<sup>®</sup> 647-conjugated Goat Anti-Rat IgG Secondary Antibody.

### Preparation & Storage

Storage Storage Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze /

thaw cycles. This preparation contains no preservatives, thus it should be handled

under aseptic conditions.

Shipping Ice bag

### **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.

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