



A Reliable Research Partner in Life Science and Medicine

# AF/LE Purified Anti-Rat CD90 Antibody[OX-7]

catalog number: E-AB-F12260

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

#### **Description**

Reactivity Rat

Immunogen Recombinant Rat CD90 protein

Host Mouse

**Isotype** Mouse IgG1, κ

Clone OX-7

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

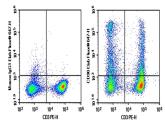
Buffer Sterile PBS, pH 7.2. < 1.0 EU per mg of the antibody as determined by the LAL

method.

## Applications Recommended Dilution

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

#### Data



Rat splenocytes were stained with 0.2 µg AF/LE Purified Anti-Rat CD90 Antibody[OX-7] (Right) and 0.2 µg Mouse

IgG1, κ Isotype Control (Left), followed by Elab Fluor<sup>®</sup> 647-conjugated Goat Anti-Mouse IgG Secondary Antibody, then anti-Rat CD3 PE-conjugated Monoclonal 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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