

## 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.

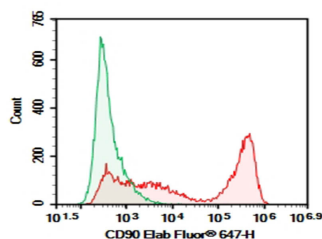
### Description

<b>Reactivity</b>	Mouse
<b>Immunogen</b>	Recombinant Mouse CD90 protein
<b>Host</b>	Rat
<b>Isotype</b>	Rat IgG2a, κ
<b>Clone</b>	M5/49.4.1
<b>Purification</b>	>98%, Protein A/G purified
<b>Conjugation</b>	None (AF/LE)
<b>Buffer</b>	Sterile PBS, pH 7.2. < 1.0 EU per mg of the antibody as determined by the LAL method.

### Applications Recommended Dilution

<b>FCM</b>	2 µg/mL(0.5×10 <sup>6</sup> -1×10 <sup>6</sup> cells)
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### Data



C57/BL6 Mouse splenocytes were stained with 0.2 µg AF/LE Purified Anti-Mouse CD90 Antibody[M5/49.4.1] (Right) and 0.2 µg Rat IgG2a, κ Isotype Control (Left), followed by Elab Fluor® 647-conjugated Goat Anti-Rat IgG Secondary Antibody.

### Preparation & Storage

<b>Storage</b>	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.
<b>Shipping</b>	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.