

## APC Anti-Rat CD90/Mouse CD90.1 Antibody[OX-7]

**Catalog Number:** E-AB-F1226UE

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

### Description

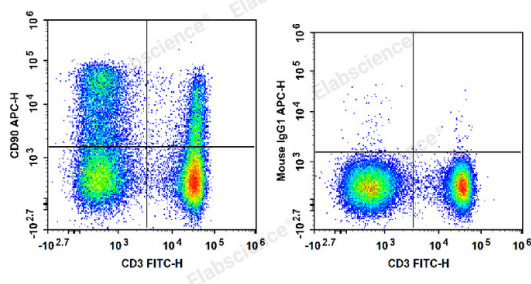
<b>Reactivity</b>	Mouse;Rat
<b>Host</b>	Mouse
<b>Isotype</b>	Mouse IgG1, κ
<b>Clone No.</b>	OX-7
<b>Isotype Control</b>	APC Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09793E]
<b>Conjugation</b>	APC
<b>Conjugation Information</b>	APC is designed to be excited by the Red (627-640 nm) laser and detected using an optical filter centered near 660 nm (e.g., a 660/20 nm bandpass filter).
<b>Storage Buffer</b>	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.

### Applications

### Recommended usage

<b>FCM</b>	Each lot of this antibody is quality control tested by flow cytometric analysis. Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use. We suggest each investigator should titrate the reagent to obtain optimal results [The recommended concentration is 0.1-1 µg/10 <sup>6</sup> cells in 100 µL volume].
------------	--

### Data



Rat splenocytes are stained with FITC Anti-Rat CD3 Antibody and APC Anti-Rat CD90/Mouse CD90.1 Antibody (Left). Splenocytes are stained with FITC Anti-Rat CD3 Antibody and APC Mouse IgG1, κ Isotype Control (Right).

### Preparation & Storage

<b>Storage</b>	Keep as concentrated solution. This product can be stored at 2-8°C for 12 months. Please protected from prolonged exposure to light and do not freeze.
<b>Shipping</b>	Ice bag

### Antigen Information

<b>Alternate Names</b>	Mouse Thy-1.1;Rat Thy-1
<b>Uniprot ID</b>	P01830
<b>Gene ID</b>	21838,24832

### For Research Use Only

**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.

**For Research Use Only**