

A Reliable Research Partner in Life Science and Medicine

# 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

Reactivity Mouse;Rat
Host Mouse
Isotype Mouse IgG1, κ

Clone No. OX-7

Isotype Control APC Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09793E]

Conjugation APC

**Conjugation Information** 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).

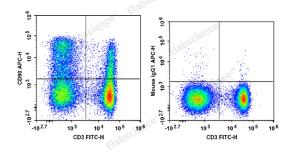
**Storage Buffer** Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

### Applications Recommended usage

FCM

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  $\mu$ g/10<sup>6</sup> cells in 100  $\mu$ L 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**

**Storage** 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.

Shipping Ice bag

#### **Antigen Information**

Alternate Names Mouse Thy-1.1;Rat Thy-1

 Uniprot ID
 P01830

 Gene ID
 21838;24832

# For Research Use Only

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017

Web:www.elabscience.com Email:techsupport@elabscience.com

# Elabscience®

#### **Elabscience Bionovation Inc.**

A Reliable Research Partner in Life Science and Medicine

## **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.

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017  $Web: \underline{w\ w\ w\ .elabscience.com}$