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.*

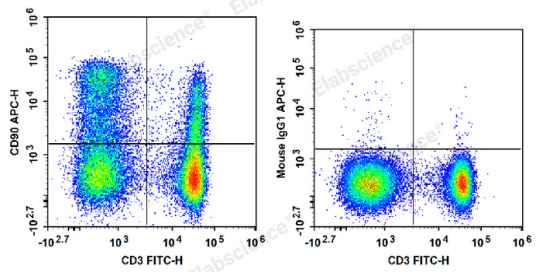
Description

Reactivity	Rat;Mouse
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 μg/10^6 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

Storage	Keep as concentrated solution. This product can be stored at 2-8°C for 24 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

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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