PerCP/Cyanine5.5 Anti-Rat CD90/Mouse CD90.1 Antibody[OX-7]

Catalog Number: E-AB-F1226J

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

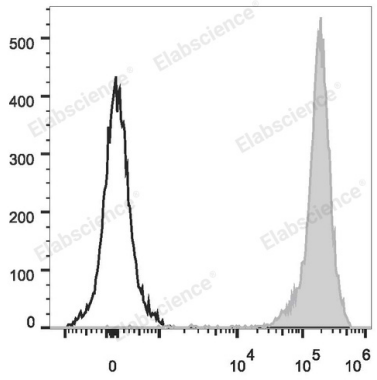
Description

Reactivity	Mouse;Rat
Host	Mouse
Isotype	Mouse IgG1, κ
Clone No.	OX-7
Isotype Control	PerCP/Cyanine5.5 Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792J]
Conjugation	PerCP/Cyanine 5.5
Conjugation Information	PerCP/Cyanine5.5 is designed to be excited by the blue laser (488 nm) and detected using an optical filter centered near 675 nm (e.g., a 690/50 nm bandpass filter).
Storage Buffer	Phosphate buffered solution, pH 7.2, containing 0.09% sodium azide and 1% BSA.

Applications — Recommended usage

FCM	Each lot of this antibody is quality control tested by flow cytometric analysis. **The amount of the reagent is suggested to be used 5 μL of antibody per test (million cells in 100 μL staining volume or per 100 μL of whole blood).** Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.

Data



Rat thymocytes are stained with PerCP/Cyanine5.5 Anti-Rat CD90/Mouse CD90.1 Antibody (filled gray histogram). Unstained thymocytes (empty black histogram) are used as control.

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

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.