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PE/Cyanine7 Anti-Rat CD90/Mouse CD90.1 Antibody[OX-7]

Catalog Number: E-AB-F1226UH

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

Description

Reactivity Mouse;Rat
Host Mouse

Isotype Mouse $\lg G1$, κ

Clone No. OX-7

Isotype Control PE/Cyanine7 Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09793H]

Conjugation PE/Cyanine 7

Conjugation Information PE/Cyanine7 is designed to be excited by the Blue (488 nm), Green (532 nm) and

yellow-green (561 nm) lasers and detected using an optical filter centered near 775 nm

(e.g., a 780/60 nm bandpass filter).

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

Applications Recommended usage

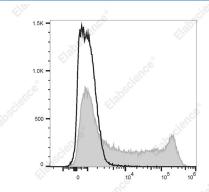
FCM Each lot of this antibody is quality control tested by flow cytometric analysis. Please

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 μ g/10⁶ cells in 400 kH column 1

in 100 µL volume].

Data



Rat splenocytes are stained with PE/Cyanine7 Anti-Rat CD90/Mouse CD90.1 Antibody[OX-7] (filled gray histogram) or PE/Cyanine7 Mouse IgG1, κ Isotype Control (empty black histogram).

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 lce bag

Antigen Information

Alternate Names Mouse Thy-1.1;Rat Thy-1

 Uniprot ID
 P01830

 Gene ID
 21838;24832

For Research Use Only

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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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