

A Reliable Research Partner in Life Science and Medicine

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

Catalog Number: E-AB-F1226UC

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

Description

Reactivity Mouse;Rat
Host Mouse
Isotype Mouse IgG1, κ

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Clone No. OX-7

Isotype Control FITC Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09793C]

Conjugation FITC

Conjugation Information FITC is designed to be excited by the Blue laser (488 nm) and detected using an optical

filter centered near 530 nm (e.g., a 525/40 nm bandpass filter).

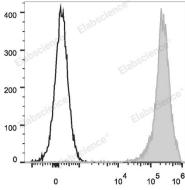
Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

Applications Recommended usage

FCM Each lot of thi

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 100 μ L volume].

Data



Rat thymocytes are stained with FITC 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

Rev. V1.5

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

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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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