



A Reliable Research Partner in Life Science and Medicine

## Elab Fluor® Red 780 Anti-Rat CD90/Mouse CD90.1 Antibody[OX-7]

Catalog Number: E-AB-F1226S

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

**Description** 

Mouse;Rat Reactivity Mouse Host

Isotype Mouse IgG1, ĸ

OX-7 Clone No.

Isotype Control Elab Fluor<sup>®</sup> Red 780 Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792S]

Conjugation Elab Fluor®Red 780

**Conjugation Information** Elab Fluor® Red 780 is designed to be excited by the Red (627-640 nm) laser and

detected using an optical filter centered near 770 nm (e.g., a 780/60 nm bandpass filter).

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

**Applications** Recommended usage

Each lot of this antibody is quality control tested by flow cytometric analysis. The amount **FCM** 

> 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.

**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.

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