

AF/LE Purified Anti-Rat CD90 Antibody[OX-7]

catalog number: E-AB-F12260

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

Description

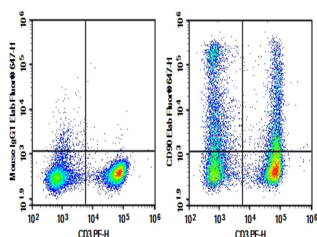
| | |
|---------------------|---|
| Reactivity | Rat |
| Immunogen | Recombinant Rat CD90 protein |
| Host | Mouse |
| Isotype | Mouse IgG1, κ |
| Clone | OX-7 |
| Purification | >98%, Protein A/G purified |
| Conjugation | None (AF/LE) |
| Buffer | Sterile PBS, pH 7.2. < 1.0 EU per mg of the antibody as determined by the LAL method. |

Applications

Recommended Dilution

| | |
|------------|---|
| FCM | 2 $\mu\text{g/mL}$ (0.5×10^6 - 1×10^6 cells) |
|------------|---|

Data



Rat splenocytes were stained with 0.2 μg AF/LE Purified Anti-Rat CD90 Antibody[OX-7] (Right) and 0.2 μg Mouse IgG1, κ Isotype Control (Left), followed by Elab Fluor® 647-conjugated Goat Anti-Mouse IgG Secondary Antibody, then anti-Rat CD3 PE-conjugated Monoclonal Antibody.

Preparation & Storage

Storage Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles. This preparation contains no preservatives, thus it should be handled under aseptic conditions.

Shipping Ice bag

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.