Purified Anti-Mouse CD90.1/Thy1.1 Antibody[19E12]

catalog number: **E-AB-F1095A**

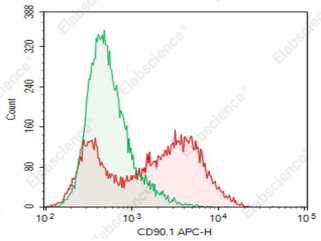
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Mouse
Host	Mouse
Isotype	Mouse IgG2a, κ
Clone	19E12
Purification	> 98%, Protein A/G purified
Conjugation	Unconjugated
Buffer	Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer. Dialyze to completely remove the stabilizer prior to labeling.

Applications	Recommended Dilution
FCM	≤ 0.2 μg per million cells in 100 μL volume

Data



FVB Mouse splenocytes were stained with 0.2 μg Purified Anti-Mouse CD90.1 Antibody[19E12](Right) and 0.2 μg Mouse IgG2a, κ Isotype Control (Left), followed by APC-conjugated Goat Anti-Mouse IgG Secondary Antibody.

Preparation & Storage

Storage	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.
Shipping	Ice bag

Background

CD90.1 is a 25-35 kD immunoglobulin superfamily member, also known as Thy-1. It is expressed on hematopoietic stem cells and neurons, all thymocytes, and peripheral T cells. CD90.1 is a glycosylphosphatidylinositol (GPI)-anchored membrane glycoprotein involved in signal transduction. CD90.1 is involved in costimulation of lymphocyte proliferation and activation, and hematopoietic stem cell differentiation. CD90.1 has been shown to interact with CD45.

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