

Purified Anti-Mouse CD90.2 Antibody[53-2.1]

catalog number: **AN009390P**

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

Description

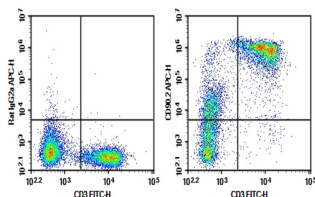
Reactivity	Mouse
Immunogen	Recombinant Mouse CD90.2 protein
Host	Rat
Isotype	Rat IgG2a, κ
Clone	53-2.1
Purification	>98%, Protein A/G purified
Buffer	Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer. Dialyze to completely remove the stabilizer prior to labeling.

Applications

Recommended Dilution

FCM	2 µg/mL(0.5×10 ⁶ -1×10 ⁶ cells)
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Data



Verified Samples in FCM:C57/BL6 Mouse splenocytes

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

CD90.2 is a 25-35 kD immunoglobulin superfamily member also known as Thy1.2, a GPI-linked membrane molecule. It is expressed on hematopoietic stem cells and neurons, all thymocytes, and peripheral T cells in Thy1.2 bearing mouse strains (Balb/c, CBA/J, C3H/He, C57BL/-, DBA, NZB/-). CD90.2 is a glycosylphosphatidylinositol (GPI)-anchored membrane glycoprotein involved in signal transduction. CD90.2 is involved in costimulation of lymphocyte proliferation and induction of hematopoietic stem cells differentiation. CD90.2 has been shown to interact with CD45.

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