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Biotin Anti-Mouse CD90 Antibody [M5/49.4.1]

Catalog Number: E-AB-F1283B

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

Description

Reactivity Mouse Host Rat

Isotype Rat IgG2a, κ **Clone No.** M5/49.4.1

Isotype ControlBiotin Rat IgG2a, κ Isotype Control[2A3] [Product E-AB-F09833B]

Conjugation Biotin

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

Applications Recommended usage

FCM Each lot of this antibody is quality control tested by flow cytometric analysis. For flow

cytometric staining, the suggested use of this reagent is \leq 1.0 μ g per 10⁶ cells in 100 μ L volume or 100 μ L of whole blood. It is recommended that the reagent be titrated for

optimal performance for each application.

Preparation & Storage

Storage Keep as concentrated solution.

This product can be stored at 2-8°C for 12 months. Do not freeze.

Shipping Ice bag

Antigen Information

 Alternate Names
 Thy-1;Thy1

 Uniprot ID
 P01831

 Gene ID
 21838

Background The M5/49.4.1 monoclonal antibody reacts with mouse Thy1 also known as CD90.

Thy1 is a 25-35 kDa GPI-anchored protein belonging to the Ig superfamily that is expressed by thymocytes, peripheral T cells, myoblasts, epidermal cells, and

keratinocytes. The function of Thy1 has not been fully elucidated but is thought to play roles in regulation of cell adhesion, apoptosis, metastasis, inflammation, and fibrosis.

This antibody is particularly useful for depletion of Tlymphocytes.