

Anti-Mouse CD90 (M5/49.4.1) In Vivo Antibody - Low Endotoxin

Product Code: ICH1251

More Information

Species Reactivity: Mouse

Target: Thy1 (CD90)

Concentration: >5mg/ml

Isotype: Rat IgG2a

Host: Rat

product name H2: Anti-Mouse CD90 (M5/49.4.1) In Vivo Antibody - Low Endotoxin

UniProt: P01831

Shipping Conditions: Blue ice

background: Thy-1 (CD90) is a GPI-anchored glycoprotein expressed on thymocytes, T cells, neurons, and stromal cells, where it participates in cell adhesion and signalling. Clone M5/49.4.1 is a rat IgG2a monoclonal antibody recognising mouse Thy-1, validated for depletion, functional assays, and immunoprecipitation. Anti-Thy-1 M5/49.4.1 is supplied in a low-endotoxin format suitable for in vivo use and manufactured in scalable milligram to gram quantities for bulk and high-throughput laboratories. As a research-use-only, non-therapeutic reagent, it provides reproducible lot-to-lot results for mouse T-cell, neuronal, and stromal-cell biology research.

Other names: Thy-1

clone: M5/49.4.1

Purification Method: Protein G



Formulation: This monoclonal antibody is aseptically packaged and formulated in 0.01 M phosphate buffered saline (150 mM NaCl) PBS pH 7.2 - 7.4 with no carrier protein, potassium, calcium or preservatives added.

Purity: $\geq 95\%$ monomer by analytical SEC, $> 95\%$ by SDS Page

Endotoxin: 1.0 EU/mg as determined by the LAL method

Storage: Functional grade preclinical antibodies may be stored sterile as received at 2-8°C for up to one month. For longer term storage, aseptically aliquot in working volumes without diluting and store at $\leq -70^{\circ}\text{C}$. Avoid Repeated Freeze Thaw Cycles.

Applications: Depletion, FA, IP

Use: Products are for research use only. Not for use in diagnostic or therapeutic procedures.