

Product No. M-8023
Lot 047H4829

Monoclonal anti-Mouse Thy 1.2
Immunoglobulin Fraction of Mouse Ascites Fluid
Clone TS

Monoclonal anti-Mouse Thy 1.2 (mouse IgM isotype) is derived from the ascites fluid of BALB/c mice bearing TS tumors. The isotype is determined by a double diffusion assay using immunoglobulin and subclass specific antisera. The immunoglobulin fraction of the ascites fluid is obtained by salt fractionation. The product is provided as a liquid in 0.01M phosphate buffered saline, pH 7.4, with 0.1% sodium azide (see MSDS)* as a preservative.

Specificity

Monoclonal anti-Mouse Thy 1.2 is immunospecific for C3H thymocytes (Thy 1.2) as determined by indirect immunofluorescent labeling of mouse thymocytes. Less than 0.5% of AKR/j (Thy 1.1) thymocytes are stained at the working dilution of the product.

Titer: 1:20,000

The product has been assayed for use in a complement mediated cytotoxicity assay, using Thy 1.1 thymocytes as a negative control. The titer is expressed as the dilution at which 50% of assayed cells remain viable.

Protein Concentration: 4.0 mg/ml by Lowry.

*Due to the sodium azide content a material safety data sheet (MSDS) for this product has been sent to the attention of the safety officer of your institution. Consult the MSDS for information regarding hazards and safe handling practices.

Storage

For continuous use, store at 2-8°C. For extended storage, the solution may be frozen in working aliquots. Repeated freezing and thawing is **not** recommended. Storage in "frost-free" freezers is **not** recommended. If slight turbidity occurs upon prolonged storage, clarify the solution by centrifugation before use.