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Product Information

MONOCLONAL ANTI-MOUSE THY 1.2 CLONE TS Immunoglobulin Fraction of Mouse Ascites Fluid

Product No. **M 8023**

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.

Reagents

The product is provided as a liquid in 0.01M phosphate buffered saline, pH 7.4, with 15 mM sodium azide as a preservative.

Precautions and Disclaimer

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.

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 to 1:40,000

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: Determined by UV.

Storage

For continuous use, store at 2-8 °C for up to one month. 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.

TAL 11/99

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