

Product Information

IgM, Lambda, from murine myeloma Clone MOPC 104E

purified immunoglobulin

Catalog Number **M5170**

Product Description

The MOPC 104E tumor line that produces mouse IgM, Lambda, is a mineral oil-induced plasmacytoma originated and carried subcutaneously in BALB/c mice. The hapten binding specificity of the MOPC 104E line is for α -1-3 linked glucose.

Identity and purity of the immunoglobulin is established by immunoelectrophoresis (IEP). Electrophoresis of the purified immunoglobulin followed by diffusion versus anti-mouse whole serum results in a single major arc of precipitation (minor arcs may be present). Electrophoresis of the purified immunoglobulin followed by diffusion versus anti-mouse IgM results in a single arc of precipitation.

Reagent

IgM, Lambda, purified from ascites fluid, is provided as a solution in 0.05 M Tris, 0.5 M NaCl, pH 8.0, containing 0.02% sodium azide as a preservative.

Precautions and Disclaimer

This product is for R&D use only, not for drug, household, or other uses. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

Storage

Store at -20°C . The product may be stored frozen in working aliquots. Repeated freezing and thawing is not recommended.

Product Profile

Each vial contains at least 1 mg of purified myeloma protein. Protein concentration is 0.9-1.1 mg/ml as determined by the absorbance at 280 nm ($E_{280}^{1\%} = 14.0$).

HPLC analysis of the purified IgM, Lambda shows at least 90% of the protein in a single band (under non-reduced conditions) when stained using Reactive Blue R stain.

MG,KAA,PHC 02/08-1