ProductInformation

MOUSE IgM, kappa (TEPC-183)
Clarified Ascites

Product No. **M1520**

Product Description

The TEPC-183 tumor line that produces mouse IgM is a tetramethylpentadecane (pristane) induced plasmacytoma, originated and carried intraperitoneally in BALB/c mice. The ascites produced by this tumor line contains IgMκ in addition to normal levels of other mouse immunoglobulins and serum proteins. The ascites fluid is clarified by centrifugation and filtration. The product is provided lyophilized from 0.01 M phosphate buffered saline, pH 7.2, with no preservatives added.

Identity and purity of the antibody is established by immunoelectrophoresis (IEP) and Ouchterlony Double Diffusion (ODD). Electrophoresis of the ascites fluid followed by diffusion versus anti-mouse IgM results in single arcs of precipitation. By ODD, mouse IgMκ is compared with purified myeloma protein versus anti-mouse serum and anti-mouse IgM.

Product Profile

Each vial contains at least 5 mg of mouse IgMκ myeloma protein, determined by densitometry of electrophoresed ascites fluid.

Storage

To one vial of lyophilized powder add 1 ml of deionized water. Rotate vial gently until powder dissolves. Prior to reconstitution store the product at 2-8ºC. After reconstitution, the solution may be stored frozen in working aliquots. Repeated freezing and thawing is **not** recommended. If slight turbidity occurs upon prolonged storage clarify the solution by centrifugation before use.

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