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ProductInformation

Mouse IgG1, κ (MOPC 31C) Clarified Ascites

Product No. **M1398**

Product Description

The MOPC 31C tumor line that produces mouse IgG1, κ is a mineral oil-induced plasmacytoma originated and carried subcutaneously in BALB/c mice. The hapten binding specificity of the MOPC 31C line is unknown. The ascites produced from the MOPC 31C tumor line contains IgG1, κ in addition to normal levels of other mouse immunoglobulins and serum proteins. The ascites fluid is clarified by centrifugation and filtration.

Reagents

The product is provided as ascites fluid lyophilized with no preservatives added.

Product Profile

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 IgG1 results in a single arc of precipitation.

By ODD mouse IgG1, κ is compared with purified myeloma protein versus anti-mouse serum and anti-mouse gG1.

Each vial contains at least 5 mg of mouse IgG1, κ myeloma protein, determined by densitometry of electrophoresed ascites fluid.

Reconstitution

To one vial of lyophilized powder, add 1 ml of deionized water and an appropriate antimicrobial agent (e.g. sodium azide) to a final concentration of 15 mM. Rotate vial gently until powder dissolves. Store the product at 2-8 °C.

Storage and Stability

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.

Kaa 01/06

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