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## Product Information

### **MOUSE IgG1, $\kappa$ (MOPC-21)**

Clarified Ascites

Product Number **M 7894**

#### **Product Description**

The MOPC-21 tumor line that produces mouse IgG1, $\kappa$  is a mineral oil induced plasmacytoma originated and carried intraperitoneally in BALB/c mice. The hapten binding specificity of the MOPC-21 line is unknown. The ascites produced from the MOPC-21 tumor line contains IgG1, $\kappa$  in addition to normal levels of other mouse immunoglobulins and serum proteins. The ascites fluid is clarified by centrifugation and filtration.

#### **Reagents**

Mouse IgG1,  $\kappa$ (MOPC-21) is provided lyophilized from 0.01 M phosphate buffered saline, pH 7.2, with no preservatives added.

#### **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.

#### **Storage/Stability**

Store the product at 2-8 °C.

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.

#### **Product Profile**

Identity and purity of the antibody is established by immunoelectrophoresis (IEP). Electrophoresis of the ascites fluid followed by diffusion versus anti-mouse IgG1 results in a single arc of precipitation.

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

JWM/VLE 2/03

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