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## Purified Mouse IgG1 Isotype control

Cat # 20102-101 Size: 100 µg  
Form: Liquid Lyophilized Storage: -20°C

### Description

Mouse IgG1 myeloma cells were grown in mice and ascites fluid collected. The IgG1 was purified by a combination of column chromatography (Sephadex, and DEAE-ion exchange columns) and immunoaffinity chromatography. The resulting preparation was judged to be >96% pure by immuno electrophoresis (IEP) and SDS-PAGE. The purified protein is IgG1 kappa

### Form and Storage

Mouse IgG1 is provided as liquid (1 mg/ml in PBS pH 7.4 and 0.05% sodium azide as preservative) or in lyophilized form. The product should be stored at 4°C for short term and -20°C for long term storage. It is stable for a minimum of 1 year at -20°C. The lyophilized products should be dissolved in PBS to prepare desired concentration by gentle rocking or vortexing at room temperature. Centrifuge the solution briefly (10,000 g, 15 min) to remove any particulate matter. It should be aliquoted and stored frozen for long term use.

### Suggested Uses

This preparation of mouse IgG1 is suitable for coating the ELISA plates or as a isotype control for ELISA, dot blot, Western or IHC or other immunoassays. Antibody concentration must be optimized for each application under defined experimental conditions.

MSDS: This product is considered non-hazardous as defined by OSHA (CFR 1910.1200. Nov 25, 1983). It can be disposed of in the drain.

Country of origin: USA

This product is for in vitro research use only.

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