

Product Data Sheet

Mouse IgG2a control

Cat #	20102-102	Size:	100 ug	500 ug	1 mg
Form:	Liquid	Lyophilized	Storage: -20oC		

Description

Mouse IgG2a myeloma cells were grown in mice and ascites fluid collected. The IgG2a 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 IgG2a kappa

Form and Storage

Mouse IgG2a 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 -20oC for long term storage. It is stable for a minimum of 1 year at -20oC.

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 IgG2a 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.

Related Items

Mouse IgA, IgG1, IgG2, IgG3, IgM, IgE Isotype controls

Mouse IgG (IgG1-3), IgM, IgE, and Isotype specific ELISA kits

ELISA kits for measuring antibodies to mouse proteins

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