

Product Data Sheet

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**Purified Mouse IgE isotype control**

**Cat #** 20102-106      **Size:** 100 ug  
**Form:** Liquid      Lyophilized      **Storage:** -20oC

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**Description**

A mouse monoclonal secreting IgE antibodies to dansyl (dimethylaminonaphtalene-1-sulfonyl) was grown in and cell culture. IgE was purified from culture medium using anti-IgE immunoaffinity column. The resulting preparation was judged to be >95% pure by immuno electrophoresis (IEP) and SDS-PAGE. The purified protein is IgE, Kappa isotype.

**Form and Storage**

Mouse IgE is provided as liquid (1 mg/ml in PBS pH 7.4 + 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 IgE 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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**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

rev 71015A

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