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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Goat Mouse IgG1 IgG2a IgG2b IgG3 IgA IgM IgD IgE (heavy and light chains)

Catalogue number: **GAM/Ig(GAMDE)**

Clone	Polyclonal
Product Type	Secondary Antibodies
Units	1 ml
Host	Goat
Species reactivity	Mouse
Application	Immunoprecipitation

Background

The reactivity of the antiserum is directed to the heavy chains of immunoglobulin isotypes IgG, IgA, IgM, IgD and IgE. The antiserum also contains antibodies to common determinants and to the surface determinants of the common Fab as tested by immunoelectrophoresis and double radial immunodiffusion. It does not react with any non-Ig proteins in mouse serum. In immunoelectrophoresis and single and double radial immunodiffusion (Mancini, Ouchterlony) to identify the presence of immunoglobulins in mouse serum or other body fluids; to prepare an immunoadsorbent for the purification of mouse immunoglobulins from serum or plasma; as secondary antibody to precipitate the immunoglobulin in normal mouse serum. This antiserum is not intended for use in non-precipitating antibody-binding or other highly sensitive assays. For such use labelled and unlabelled cytochemical and immunoassay grade reagents meeting the necessary additional specificity and performance requirements are available.

Source

Purified polyclonal mouse IgG and pools of homogenous IgG, IgA, IgM and IgD. Freund's complete adjuvant is used in the first step of the immunization procedure.

Product

Delipidated, heat inactivated, lyophilized stable whole serum. No preservative added, as it may interfere with the antibody activity. Total protein and IgG concentration in the antiserum are comparable to those of pooled goat serum. No foreign proteins added.

Applications

Distributors

For Purchasing Information,
please contact your local
distributor

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Immunoprecipitation. In immunoelectrophoresis use 2 µl or equivalent against 120 µl antiserum. In double radial immunodiffusion use a rosette arrangement with 10 µl antiserum in a 3 mm diameter centre well and 2 µl serum samples (neat and diluted) in 2 mm diameter peripheral wells.

Cross Reactivity

Inter-species cross-reactivity is a normal feature of antibodies to immunoglobulins, since Ig of different species frequently share antigenic determinants. Cross-reactivity of this antiSerum has not been tested in detail.

Specificity

Precipitating polyclonal Goat antiSerum to Mouse immunoglobulins IgG, IgA, IgM, IgD and IgE, heavy and light chains

Storage

The lyophilized antiserum is shipped at ambient temperature and may be stored at +4°C; prolonged storage at or below -20°C. It is reconstituted by adding 1 ml sterile distilled water. Working dilutions are prepared by adding sterile phosphate buffered saline (PBS, pH 7.2). Repeated thawing and freezing should be avoided. Working dilutions should be stored at +4°C, not refrozen, and preferably used the same day. If a slight precipitation occurs upon storage, this should be removed by centrifugation. It will not affect the performance of the product. Lyophilized at +4° C--at least 10 years. Reconstituted at or below -20° C--3-5 years. Reconstituted at +4° C--7 days

Caution

This product is intended FOR RESEARCH USE ONLY, and FOR TESTS IN VITRO, not for use in diagnostic or therapeutic procedures involving humans or animals. This datasheet is as accurate as reasonably achievable, but Nordic-MUbio accepts no liability for any inaccuracies or omissions in this information.