



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## Goat anti Mouse IgG1 IgG2a IgG2b IgG3 (Fc specific)

Catalogue number: **GAM/IgG(Fc)**

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 Fc subunit of the IgG molecule. The antiserum contains antibodies to subclass-specific determinants as well as to determinants shared by two or more subclasses of IgG. In immunoelectrophoresis and double radial immunodiffusion, using various antiserum concentrations against normal mouse plasma, serum, and immunoglobulin fractions, no reaction is obtained with IgA, IgM and IgG/Fab fragments or any other serum protein. In immunoelectrophoresis and double radial immunodiffusion to identify the presence of IgG; as secondary antibody to precipitate the immunoglobulin in normal mouse serum; to prepare an immunoadsorbent for the production of Ig-free mouse serum, plasma or non-Ig preparations.

### Source

Purified normal IgG, including all known subclasses, isolated from pooled mouse serum. 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

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

## Distributors

For Purchasing Information, please contact your local distributor

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**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 been tested in double radial immunodiffusion anti several sera with the following results: cow - Duck - Horse - Rat + Cat - Guinea Pig+ Monkey - Sheep - Chicken - Human - pigeon - Swine - Dog - Hamster ± Rabbit - Turkey -

**Specificity**

Precipitating polyclonal Goat antiSerum to Mouse IgG, Fc specific

**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.