



# 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 IgA IgM (heavy and light chains)

Catalogue number: **GAM/Ig/7S**

Clone	Polyclonal
Product Type	Secondary Antibodies
Units	10 mg
Host	Goat
Species reactivity	Mouse
Application	Dot blot ELISA Immunoblotting Immunofluorescence

### Background

The defined antibody specificity is directed to the major isotypes of the mouse immunoglobulin system (classes, subclasses and L chain types) including antibody to common determinants, to class and subclass-specific determinants, and to the surface determinants of the common Fab portion as tested against as tested in immunoelectrophoresis and double radial immunodiffusion (Ouchterlony). The cytochemical grade of GAM/Ig/7S allows its use in different types of highly sensitive immunoassays on appropriately treated cell and tissue substrates; in radioimmunoassay; for the production of immunoconjugates with a selected marker; to prepare immunoaffinity adsorbents by coupling to an artificial carrier; in non-isotopic methodology based on solid phase immunochemistry (e.g. ELISA), both as catching antibody and detection reagent; in Western blotting. This product is not pre-diluted. The optimum working dilution of each product should be established by titration before being used.

### Source

Highly purified IgG, including all subclasses, and pools of homogenous IgA and IgM isolated from mouse serum. Freund's complete adjuvant is used in the first step of the immunization procedure.

### Product

Purified hyperimmune goat IgG lyophilized from a solution in phosphate buffered saline (PBS, pH 7.2). No preservative added, as it may interfere with the antibody activity.

## Distributors

For Purchasing Information,  
please contact your local  
distributor

[Find Distributor](#)

**Applications**

Indirect immunofluorescence,ELISA,Dot blot,Immunoblotting.

**Cross Reactivity**

Inter-species cross-reactivity is a normal feature of antibodies to mammalian immunoglobulins, since homologous proteins of different species frequently share antigenic determinants. The degree of crossreactivity is also dependent on the concentrations of the reactants and the sensitivity of the assay arrangement. This antiSerum fraction has been tested for cross-reactivity by double radial immunodiffusion anti several species sera with the following results: Bovine - Duck - Human - Rat + Cat - Guinea Pig + Monkey - Sheep - Chicken - Hamster ± pigeon - Swine - Dog - Horse- Rabbit - Turkey -

**Specificity**

Purified IgG fraction of polyclonal Goat antiSerum to Mouse immunoglobulins IgG, IgA, IgM, heavy and light chains

**Storage**

The lyophilized product 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, spun down to remove insoluble particles, divided into small aliquots, frozen and stored at or below -20°C. Prior to use, an aliquot is thawed slowly at ambient temperature, spun down again and used to prepare working dilutions 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.