



# 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

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 



## Goat anti Human IgG IgA IgM IgD (heavy and light chains)

Catalogue number: **GAHu/Ig(GAMD)/7S**

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

### Background

The defined antibody specificity is directed to the major isotypes of the human immunoglobulin system (classes and both light chain types) including antibody to common determinants and to class specific determinants and to the surface determinants of the common Fab portion as tested against as tested in immunoelectrophoresis and double radial immunodiffusion (Ouchterlony). In immunoelectrophoresis and double radial immunodiffusion using various antiserum concentrations against normal human plasma and serum, the characteristic IgG, IgA, IgM and IgD (if present in precipitable amounts) precipitin lines are obtained. The cytochemical grade of GAHu/Ig(GAMD)/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, and pools of homogenous IgA, IgM and IgD isolated from human 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

## Distributors

For Purchasing Information, please contact your local distributor

[Find Distributor](#)

it may interfere with the antibody activity.

### **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 cross-reactivity is also dependent on the concentrations of the reactants and the sensitivity of the assay arrangement. This antiSerum fraction has not been tested for cross-reactivity.

### **Specificity**

Purified IgG fraction of polyclonal Goat antiSerum to Human immunoglobulins IgG, IgA, IgM and IgD, 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.