



# 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

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## Swine anti Human IgG IgA IgM (heavy and light chains), conjugated with FITC

Catalogue number: **SwAHu/Ig/FITC**

Clone	Polyclonal
Product Type	Secondary Antibodies
Units	1 ml
Host	Swine
Species reactivity	Human
Application	ELISA Immunocytochemistry Immunofluorescence Immunohistochemistry (frozen)

## Distributors

For Purchasing Information,  
please contact your local  
distributor

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### Background

The reactivity of the antiserum is directed to the major isotypes of the human immunoglobulin system (classes and both light chain types) including antibodies to common determinants, to class and to the surface determinants of the common Fab portion, as tested by immunoelectrophoresis and double radial immunodiffusion against pooled serum and purified immunoglobulins. In immunoelectrophoresis and double radial immunodiffusion using various antiserum concentrations against normal human plasma and serum, the characteristic IgG, IgA and IgM precipitin lines are obtained. Direct immunofluorescence staining of cytoplasmic Ig of appropriately treated cell and tissue substrates; to demonstrate immunoglobulins or specific antibodies in cells and tissues; to identify circulating antibodies in serodiagnostic microbiology and autoimmune diseases; to identify a specific antigen or immune complex using a reference antibody of human origin in the middle layer of the indirect test procedure. The presence of activity to the common Ig/Fab subunit may result in the staining of immunoglobulins bound to Fc receptors on non-lymphoid cells. Combinations of isotype specific reagents or the GAHu/Ig(Fc)/FITC conjugate should be used instead for this purpose. This immunoconjugate is not pre-diluted. The optimum working dilution of each conjugate should be established by titration before being used. Excess labelled antibody must be avoided because it may cause high unspecific background staining and interfere with the specific signal.

### Source

Purified polyclonal human IgG, and IgA and IgM containing fractions

isolated from human serum. Freund's complete adjuvant is used in the first step of the immunization procedure.

**Product**

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

**Applications**

ELISA, Immunocytochemistry, Immunohistochemistry (frozen), (In)direct immunofluorescence.

**Cross Reactivity**

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

**Specificity**

Fluorescein isothiocyanate-conjugated IgG fraction of polyclonal Swine antiSerum to Human IgG, IgA and IgM, heavy and light chains.

**Storage**

The lyophilized conjugate 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 in the dark 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 immunoconjugate 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.