



# 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 Human IgG (Fc specific), conjugated with FITC

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[nordicmubio.com/products/goat-anti-human-igg-fc-specific-conjugated-with-fitc/GAHU\\_slash\\_IgG\(Fc\)\\_slash\\_FITC](http://nordicmubio.com/products/goat-anti-human-igg-fc-specific-conjugated-with-fitc/GAHU_slash_IgG(Fc)_slash_FITC)

Catalog number: **GAHU/IgG(Fc)/FITC**

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

### Background

The reactivity of the antiserum is directed to the Fc subunit of the IgG molecule, which expresses strict (class) specificity. In immunoelectrophoresis and radial immunodiffusion using various antiserum concentrations against human serum, a single precipitin line has been obtained which shows a reaction of identity with the precipitin lines obtained with the purified IgG used as immunogens. It does not react with IgA, IgG/Fab fragments and IgM or any non-Ig protein in human serum, as tested by immunoelectrophoresis and double radial immunodiffusion. In immunocytochemical and immunohistochemical staining of IgG at the cellular and subcellular level of appropriately treated cell and tissue substrates; to demonstrate circulating IgG antibodies in serodiagnostic microbiology and autoimmune diseases; to identify a specific antigen using a reference antibody of human origin known to be of the IgG isotype in the middle layer of the indirect test procedure. 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**

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

**Product**

FITC-coupled 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. 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.

*Product Form:* FITC conjugated

*Formulation:* FITC-coupled 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.

**Specificity**

Fluorescein isothiocyanate-conjugated IgG fraction of polyclonal Goat antiSerum to Human IgG, Fc specific.

*Species Reactivity:* This immunoconjugate is not species-specific since inter-species cross-reactivity is a normal feature of antisera to immunoglobulins. Cross-reactivity of this antiSerum has not been tested in detail.

**Applications**

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

**Storage**

The lyophilized conjugate is shipped at ambient temperature and may be stored at +4°C; prolonged storage 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 immunoconjugate.

*Shipping Conditions:* Ship at ambient temperature.

**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. It may contain hazardous ingredients. Please refer to the Safety Data Sheets (SDS) for additional information and proper handling procedures. Dispose product remainders

according to local regulations. This datasheet is as accurate as reasonably achievable, but Exalpha Biologicals accepts no liability for any inaccuracies or omissions in this information.