



# 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 C5

Catalogue number: **GAHu/C5**

Clone	Polyclonal
Product Type	Primary Antibodies
Units	1 ml
Host	Goat
Species reactivity	Human
Application	Immunoprecipitation

## Distributors

For Purchasing Information, please contact your local distributor

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### Background

The reactivity of the antiserum is restricted to C5. In immunoelectrophoresis and radial immunodiffusion (Ouchterlony), using various antiserum concentrations against fresh normal human plasma a single precipitin line is obtained which shows a reaction of identity with the precipitin line obtained with purified C5 protein. No reaction is obtained with any other plasma protein component or serum. In precipitating techniques as immunoelectrophoresis and single or double radial immunodiffusion to identify the presence of C5 containing complexes in human plasma or other body fluids or to determine its concentration. The presence of non precipitating antibodies has not been assayed. This does not exclude the use of the antiserum in more sensitive non-precipitating antibody-binding techniques if proper controls are included.

### Source

C5 component of human complement is a plasma protein consisting of two polypeptide chains, alpha, beta, bound by disulphide bonds. It has a molecular weight of 190,000. The activated protein forms with the complement factors C6-C9 the membrane attack complex. The average concentration in plasma is about 70 µg/ml. The C5 is isolated as a homogenous protein for use in antiserum production. Freund's complete adjuvant is used in the first step of the immunization procedure.

### Product

Delipidated, heat inactivated, lyophilized, stable whole antiserum  
No preservative added. Total protein and IgG concentrations in the antiserum are comparable to those of pooled normal goat serum.  
No foreign proteins added.

### Applications

Immunoprecipitation. In immunoelectrophoresis use 2 µl or equivalent against 120 µl antiserum. In double radial

immunodiffusion (Ouchterlony) use a rosette arrangement with 10  $\mu$ l in a 3 mm diameter center well and 2  $\mu$ l serum samples (neat and serially diluted) in 2 mm diameter peripheral wells.

#### **Cross Reactivity**

The antiSerum does not cross react with any other component of Human plasma. Inter-species crossreactivity is a normal feature of antibodies to plasma proteins since they frequently share antigenic determinants. Cross-reactivity of this antiSerum has not been tested in detail.

#### **Specificity**

Precipitating polyclonal Goat antiSerum to the C5 component of Human complement

#### **Storage**

The lyophilized antiserum is shipped at ambient temperature and may be stored at +4°C; prolonged storage at or below -20°C. Reconstitute the lyophilized antiserum by adding 1 ml sterile distilled water. Dilutions may be prepared by adding phosphate buffered saline (PBS, pH 7.2). Repeated thawing and freezing should be avoided. If a slight precipitation occurs upon storage, this should be removed by centrifugation. It will not affect the performance of the antiserum. Diluted antiserum should be stored at +4°C, not refrozen, and preferably used the same day. 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.