



# 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 C3c

Catalogue number: **SwAHu/C3c/7S**

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

## Distributors

For Purchasing Information, please contact your local distributor

[Find Distributor](#)

### Background

In immunoelectrophoresis against fresh human serum, a single precipitin line is obtained in the beta-1 region representing native C3. Against serum containing partly activated C3, a precipitin line is obtained which extends from the beta-1 into the alpha-2 region, demonstrating a gradient. In old serum containing totally activated C3 a single precipitin line in the alpha-2 region is obtained. Antisera to C3c can also react with the fragments C3b, C3bi and smaller fragments, since they all carry antigenic determinants of the C3c domain. The product does not react with any other proteins component of human serum or plasma. As unlabelled primary or secondary antibody for the detection of C3c at the cellular and subcellular level by immunofluorescence and immunoenzyme assay methods; for the production of immunoconjugates with a selected marker; to prepare insoluble immunoaffinity adsorbents by coupling to an artificial carrier; as catching or detecting antibody in non-isotopic methodology and solid phase immunochemistry. Determinations of individual complement components can be useful in defining the exact location of a defect. When applied in any immunocytochemical or histochemical staining procedure or solid phase coupling technique, the optimum working dilution should be established by titration before being used.

### Source

C3c is the major fragment resulting from C3 cleavage by C3 convertase and factor I. It is composed of an intact beta chain bound to two fragments of the alpha chain. C3c is isolated and purified from pooled normal human serum. Freund's complete adjuvant is used in the first step of the immunization procedure.

### Product

Purified hyperimmune 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**

Indirect immunofluorescence,ELISA,Dot blot,Immunoblotting.

#### **Cross Reactivity**

The antiSerum does not cross-react with any other component of Human plasma. Inter-species cross-reactivity 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**

Purified IgG fraction of polyclonal Swine antiSerum to C3c fragment of Human complement factor C3.

#### **Storage**

The IgG fraction 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 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.