



# 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 properdin

Catalogue number: **GAHu/PPD**

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 defined antibody specificity is restricted to properdin as tested at the level of sensitivity of immunoprecipitation techniques. A single precipitin line is obtained in immuno-electrophoresis, bidimensional electrophoresis and double radial immunodiffusion (Ouchterlony) against normal plasma, which shows a reaction of identity with the precipitated purified properdin. No reaction is obtained with any other plasma protein. In precipitating techniques as immunoelectrophoresis and single or double radial immunodiffusion. The presence of non-precipitating antibodies has not been assayed. This does not exclude the use of the antiserum in non-precipitating antibody-binding techniques if proper controls are included.

### Source

Properdin is a factor of the alternative complement activation pathway. It has a molecular weight of 222,000 and consists of four peptide chains. Properdin is stabilizing the C3 convertase C3bBb. The mean concentration in plasma is 20 mg/ml. The antigen has been isolated from pooled human plasma. 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 human serum against 120 µl antiserum. In double radial immunodiffusion (Ouchterlony) use a rosette arrangement with 10 µl antiserum in a 3 mm diameter center well and 10 µl of the antiserum in 3 mm diameter peripheral wells. In single radial immunodiffusion use 1% antiserum in the gel.

**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**

Precipitating polyclonal Goat antiSerum to Human properdin

**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.