



# 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 Dog fibrinogen

Catalogue number: **GAD/Fbg/7S**

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

## Distributors

For Purchasing Information, please contact your local distributor

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### Background

The reactivity of the antiserum is restricted to fibrinogen. In immunoelectrophoresis and radial immunodiffusion (Ouchterlony), using various antiserum concentrations against normal dog plasma a single precipitin line is obtained which shows a reaction of identity with the precipitin line obtained with purified fibrinogen. No reaction is obtained with any other plasma protein component or serum. However, the antiserum may also react with fibrin monomers, circulating fibrinopeptides and fibrin degradation products. As unlabelled primary or secondary antibody reagent for the indirect detection of fibrinogen in dog cells, tissues and body fluids in immunofluorescence and immunoenzyme methods; for the production of immunoconjugates with a selected marker; to prepare insoluble immunoaffinity adsorbents by coupling to an artificial carrier; as catching or detection reagent in non-isotopic methodology and solid phase immunochemistry (e.g. ELISA). When applied in any cytochemical or histochemical procedure or solids phase coupling technique, the optimum concentration of the IgG preparation should always be established by titration.

### Source

Fibrinogen (clotting factor I) is a heat labile beta glycoprotein present in plasma. It is the precursor of fibrin, which is the key protein constituting the network of the blood clot. Thrombin converts fibrinogen to fibrin by limited proteolysis. Fibrin monomers polymerize to fibrin which is stabilized by cross-linking. Fibrinogen is isolated from fresh plasma after removing prothrombin. 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. The lyophilized IgG fraction 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.

#### **Cross Reactivity**

The antiSerum does not cross-react with any other component of Dog 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**

Purified IgG fraction of polyclonal Goat antiSerum to Dog fibrinogen

#### **Storage**

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.