



# 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 lactoferrin

Catalogue number: **GAHu/Lfr/7S**

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

## Distributors

For Purchasing Information, please contact your local distributor

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### Background

In immunoelectrophoresis against human milk a single precipitin line is obtained. The antiserum does not react with any other protein component of human serum or plasma. In enzyme-immunocytochemical and immunohistochemical techniques for the indirect detection of human lactoferrin at the cellular and subcellular level in appropriately treated cell and tissue substrates; as catching reagent in non-isotopic methodology and solid phase immunochemistry (e.g. ELISA, Western blotting). The optimum working dilution of the product should be established by titration before being used.

### Source

Exocrine organs produce various secretions, each with its characteristic function. Proteins found in secretions may be divided into two groups: those specific for the particular secretion, and plasma proteins independent of the type of exocrine cells. Lactoferrin belongs to the first group. It is an iron containing protein with a molecular weight of 75,000 and it is antigenically different from transferrin. Lactoferrin has a slight anti-microbial action. Originally identified in milk, its presence has also been demonstrated in other secretions as saliva, semen and tears. The immunogen has been isolated from human milk. 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 product 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 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.

#### **Cross Reactivity**

The antiSerum does not cross-react with any other Human plasma proteins as tested in gel- diffusion techniques. Inter-species cross-reactivity is a normal feature of antibodies to plasma or milk proteins, since homologous proteins of different species frequently share antigenic determinants. Cross-reactivity of this antiSerum has not been tested in detail, however in double radial immunodiffusion a reaction with Rhesus Monkey milk has been observed.

#### **Specificity**

Purified IgG fraction of polyclonal Goat antiSerum to Human lactoferrin

#### **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.