



# 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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## Rabbit anti Human milk proteins

Catalogue number: **RAHu/TM**

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

## Distributors

For Purchasing Information, please contact your local distributor

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### Background

In immunoelectrophoresis against human milk precipitation of not less than 7 different proteins may be obtained. However the number of visible precipitin lines varies widely among individual specimens of human milk. The total concentration of protein, their proportion of the different protein components change markedly during the course of lactation. A protein detected in a human secretion by this antiserum may be of secretory origin, or it may be a plasma protein presumably entering in the secretion from the surrounding capillary vessels and through interstitial tissues. Virtually every plasma protein may also be present at a detectable level in milk. Not all precipitable proteins have been identified. Known proteins include secretory IgA and other immunoglobulins, free secretory component, lactoferrin, components of the complement system and albumin. In immunoelectrophoresis to identify the protein pattern in an individual milk sample, to compare individual patterns and to make comparisons with serum protein patterns or those of other secretions; to identify individual components, and significant changes in concentration. To test the purity of an isolated milk protein.

### Source

Pooled whole human milk. 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 rabbit serum. No foreign proteins added.

### Applications

Immunoprecipitation. In immunoelectrophoresis use 2  $\mu$ l serum or equivalent against 120  $\mu$ l antiserum. In double radial immunodiffusion (Ouchterlony) use a rosette arrangement with 10

µl antiserum in 3 mm diameter center well and 2 µl serum samples (neat and serially diluted in 2 mm diameter peripheral wells). Different bleedings of the immunized animals are pooled to obtain a broad spectrum balanced against the varying concentrations of the individual serum protein components.

#### **Cross Reactivity**

Inter-species cross reactivity is a normal feature of antibodies to animal proteins since homologous proteins of different species frequently share antigenic determinants. This antiSerum has not been adsorbed for such cross reactivity. Consequently it is not species-specific.

#### **Specificity**

Precipitating polyclonal Rabbit antiSerum to Human milk proteins.

#### **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.