



# 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 Bovine albumin, conjugated with FITC

Catalogue number: **RAB/Aib/FITC**

Clone	Polyclonal
Product Type	Primary Antibodies
Units	1 ml
Host	Rabbit
Species reactivity	Cattle
Application	ELISA Immunocytochemistry Immunofluorescence Immunohistochemistry (frozen)

## Distributors

For Purchasing Information,  
please contact your local  
distributor

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### Background

The defined antibody specificity is directed to albumin as tested against bovine sera. In immunoelectrophoresis and double radial immunodiffusion (Ouchterlony), using various antiserum concentrations against appropriate concentrations of the immunogen, a single characteristic precipitin line is obtained which shows a reaction of identity with the precipitin lines obtained against bovine serum and the purified albumin. As reagent for the direct detection of albumin in bovine cells, tissues and body fluids in immunofluorescence techniques. This immunoconjugate is not pre-diluted. The optimum working dilution of each conjugate should be established by titration before being used. Excess labelled antibody must be avoided because it may cause high unspecific background staining and interfere with the specific signal.

### Source

Albumin is a stable small polypeptide with a strong antigenicity. Its molecular weight is about 69,000. It has a high mobility in electrophoresis, shows macro-heterogeneity especially under pathological conditions and it can bind a large number of physiological and non-physiological molecules. Albumin is isolated from bovine serum by sequential precipitation and purified by ion exchange chromatography and affinity chromatography. Freund's complete adjuvant is used in the first step of the immunization procedure.

### Product

Purified hyperimmune rabbit 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**

ELISA, Immunocytochemistry, Immunohistochemistry (frozen), (In)direct immunofluorescence.

### **Cross Reactivity**

Inter-species cross-reactivity is a normal feature of antibodies to mammalian Serum proteins, since homologous proteins of different species frequently share antigenic determinants. The degree of crossreactivity is also dependent on the concentrations of the reactants and the sensitivity of the assay arrangement. This antiSerum has been tested in double radial immunodiffusion with the following results: Cat - Chicken - Dog + Duck - Goat ++ Guinea Pig ++ Hamster + Horse + Human + Monkey + Mouse ++ pigeon - Rabbit - Rat ± Sheep - Swine + A negative cross-reaction in double radial immunodiffusion does not exclude some reaction in more sensitive techniques.

### **Specificity**

Fluorescein isothiocyanate-conjugated IgG fraction of polyclonal Rabbit antiSerum to Bovine albumin.

### **Storage**

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 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.