



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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 albumin

Catalogue number: **GAHu/Alb/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

The defined antibody specificity is directed to albumin as tested against human 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 human serum and the purified albumin. The cytochemical grade allows the use in different types of highly sensitive immunoassays on appropriately treated cell and tissue substrates; in radioimmunoassay; for the production of immunoconjugates with a selected marker; to prepare immunoaffinity adsorbents by coupling to an artificial carrier; in non-isotopic methodology based on solid phase immunochemistry (e.g. ELISA), both as catching antibody and detection reagent; in Western blotting. This product is not pre-diluted. The optimum working dilution of each product should be established by titration before being used.

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 macroheterogeneity especially under pathological conditions and it can bind a large number of physiological and non-physiological molecules. Albumin is isolated from human 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 goat 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.

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 fraction has not been tested in detail.

Specificity

Purified IgG fraction of polyclonal Goat antiSerum to Human 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 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.