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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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Rabbit anti Human lactalbumin

Catalogue number: **RAHu/ALalb/7S**

Clone	Polyclonal
Product Type	Primary Antibodies
Units	10 mg
Host	Rabbit
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 alpha-lactalbumin as tested against human milk. Its presence can also be demonstrated in udder tissues. When tested in immunoelectrophoresis and double radial immunodiffusion against serum no reaction is obtained. 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

Highly purified alpha-lactalbumin isolated from human milk. Alpha-lactalbumin is one of the major proteins in the alpha region after immunoelectrophoresis of human milk. It has been implicated as a component of the enzyme lactose synthetase which catalyzes the formation of lactose from uridine diphosphate galactose and glucose. 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.

Applications

Indirect immunofluorescence, ELISA, Dot blot, Immunoblotting.

Cross Reactivity

Homologous proteins of different species frequently share antigenic determinants. The degree of cross-reactivity is also dependent on the concentrations of the reactants and the sensitivity of the assay arrangement. This antiSerum has not been tested for cross-reactivity.

Specificity

IgG fraction of polyclonal Rabbit antiSerum to Human alpha-lactalbumin.

Storage

The lyophilized IgG fraction 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.