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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Goat anti Rat albumin, conjugated with Horseradish peroxidase

Catalogue number: **GARa/Alb/PO**

Clone	Polyclonal
Product Type	Primary Antibodies
Units	1 ml
Host	Goat
Species reactivity	Rat
Application	Dot blot ELISA Immunoblotting Immunocytochemistry Immunohistochemistry (paraffin)

Distributors

For Purchasing Information, please contact your local distributor

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Background

Tested in immunoelectrophoresis and double radial immunodiffusion against pooled normal rat serum and purified rat albumin. One characteristic precipitin line is obtained against pooled normal rat serum using different antigen/antibody concentration ratio's. Precipitin lines against normal rat serum and purified rat albumin give a reaction of full identity. In enzyme-immunocytochemical and immunohistochemical staining for the detection of albumin, of appropriately treated cell and tissue substrates at the cellular and subcellular level. In non-isotopic assay methodology (e.g. ELISA) to identify and measure albumin in rat serum or other body fluid. In electron microscopy, since the complex between the conjugated antibody and the antigen also has electron-dense properties. 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

Purified albumin isolated from pooled rat serum. Freund's complete adjuvant is used in the first step of the immunization procedure.

Product

Peroxidase-coupled 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

ELISA, Immunocytochemistry, Immunohistochemistry (paraffin), 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 cross-reactivity is also dependent on the concentrations of the reactants and the sensitivity of the assay arrangement. This antiSerum fraction has been tested for cross-reactivity by double radial immunodiffusion anti several species sera with the following results: Bovine - Goat - Human + Rabbit ± Chicken - Guinea Pig ++ Mouse ++ Sheep - Dog + Horse + Monkey + Swine + A negative reaction in double radial immunodiffusion does not exclude a weak positive reaction in more sensitive techniques.

Specificity

Horseradish peroxidase-conjugated IgG fraction of polyclonal Goat antiSerum to Rat albumin.

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.