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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Goat anti Rat IgG1 IgG2a IgG2b IgG2c (Fc specific)

Catalogue number: **GARa/IgG(Fc)/7S**

Clone	Polyclonal
Product Type	Secondary Antibodies
Units	10 mg
Host	Goat
Species reactivity	Rat
Application	Dot blot ELISA Immunoblotting Immunofluorescence

Distributors

For Purchasing Information, please contact your local distributor

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Background

The reactivity of the antiserum is directed to the Fc subunit of the IgG molecule including all subclasses. In immunoelectrophoresis and double radial immunodiffusion, using various antiserum concentrations against normal rat plasma and serum, a characteristic precipitin line is obtained which shows a reaction of identity with the precipitin line obtained with purified IgG. No reaction is obtained with purified IgA, IgM and IgG/Fab fragments or any other serum protein. As unlabelled primary or secondary reagent for indirect detection techniques, to prepare conjugates with markers of the user's own choice, to prepare an insoluble immunoaffinity adsorbent or a solid phase antibody reagent by coupling to an artificial carrier and as catching or detection antibody in non-isotopic methodology and solid phase immunochemistry. When applied in any cytochemical or histochemical procedure or solids phase coupling technique, the optimum concentration of the IgG preparation should always be established by titration.

Source

Purified normal IgG, including all subclasses, isolated from pooled rat serum. 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 immunoglobulins, since Ig of different species frequently share antigenic determinants. Cross-reactivity of this antiSerum has not been tested in detail, however in double radial immunodiffusion a reaction with Mouse has been obtained.

Specificity

Purified IgG fraction of polyclonal Goat antiSerum to Rat IgG, Fc specific.

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.