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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Rabbit anti Sheep IgM (Fc specific)

Catalogue number: **RASh/IgM(Fc)/7S**

Clone	Polyclonal
Product Type	Secondary Antibodies
Units	10 mg
Host	Rabbit
Species reactivity	Sheep
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 IgM molecule which expresses strict isotypic (class) specificity. It does not react with any non-Ig protein in sheep serum, as tested by immunoelectrophoresis and double radial immunodiffusion. As unlabelled primary or secondary reagent for indirect detection of IgM at the cellular and subcellular level by staining of appropriately treated cell and tissue substrates; to prepare conjugates 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 antibody in nonisotopic methodology and solid phase immunochemistry. When applied in any cytochemical or histochemical staining procedure or solid phase coupling technique, the optimum concentration of the IgG preparation should be established by titration before being used.

Source

Purified normal IgM isolated from pooled sheep serum. 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. IgG protein concentration 10 mg/ml. No foreign proteins added.

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 a strong reaction with Goat IgM has been observed.

Specificity

IgG fraction of polyclonal Rabbit antiSerum to Sheep IgM, 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.