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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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Rabbit anti Mouse IgM (Fc specific)

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

Clone	Polyclonal
Product Type	Secondary Antibodies
Units	10 mg
Host	Rabbit
Species reactivity	Mouse
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 restricted to the Fc part of the IgM molecule, as tested against mouse sera at the level of sensitivity of direct immunofluorescence staining methods applied to lymphoid cells with the FITC conjugated form of this product. In immunoelectrophoresis and radial immunodiffusion, using various antiserum concentrations, against mouse serum a single characteristic precipitin line is obtained which shows a reaction of identity with the precipitin line obtained with the purified IgM. It does not react with IgG, IgG/Fab fragments and IgA. As unlabelled primary or secondary antibody reagent for indirect detection of IgM in mouse cells, tissues and body fluids in immunofluorescence and immunoenzyme assay methods; 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. When applied in any immunocytochemical or histochemical staining procedure or solid phase coupling techniques, the optimum concentration of this product should be established before.

Source

Highly purified homogenous IgM isolated from mouse serum. Immunization with intact (19S) and split IgM (7S). 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.

Applications

Indirect immunofluorescence,ELISA,Dot blot,Immunoblotting.

Cross Reactivity

Inter-species cross-reactivity is a normal feature of antibodies to immunoglobulins, since immunoglobulins of different species frequently share antigenic determinants. Cross-reactivity of this product has not been tested in detail.

Specificity

Purified IgG fraction of polyclonal Rabbit antiSerum to Mouse IgM, Fc specific

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 immunoconjugate. 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.