



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 



Rabbit anti Sheep IgM (heavy and light chains), conjugated with Biotin

Catalogue number: **RASh/IgM(H+L)/Bio**

Clone	Polyclonal
Product Type	Secondary Antibodies
Units	1 ml
Host	Rabbit
Species reactivity	Sheep
Application	Dot blot ELISA Immunoblotting Immunocytochemistry Immunohistochemistry (paraffin)

Background

The reactivity of the antiserum is directed to the Fc and Fab subunits of the IgM molecule. It includes a certain degree of reactivity with other immunoglobulins via the common Fab portion. It does not react with any non-Ig protein in sheep serum, as tested by immunoelectrophoresis and double radial immunodiffusion. In immunocytochemical and immunohistochemical staining for the detection of IgM at the cellular and subcellular level by immunofluorescence staining of appropriately treated cell and tissue substrates, and to demonstrate circulating antibodies in serodiagnostic microbiology and autoimmune diseases, where IgM and IgG antibodies can be expected. As a second step an avidin or streptavidin conjugate of the user's choice has to be used. 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. Working dilutions for histochemical and cytochemical use are usually between 1:100 and 1: 250; in ELISA and comparable non-precipitating antibody-binding assays between 1:1,000 and 1:8,000.

Source

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

Product

Distributors

For Purchasing Information, please contact your local distributor

[Find Distributor](#)

Biotin-coupled purified hyperimmune rabbit IgG lyophilized from a solution in phosphate buffered saline (PBS, pH 7.2). No preservative added

Applications

ELISA, Immunocytochemistry, Immunohistochemistry (paraffin), 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.

Specificity

Biotin-conjugated IgG fraction of polyclonal Rabbit antiSerum to Sheep IgM, heavy and light chains.

Storage

The lyophilized conjugate 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.