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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

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) 



Mouse anti FITC, conjugated with Biotin

Catalogue number: **MA/FITC/Bio**

| | |
|--------------|---|
| Clone | NI 239 |
| Isotype | IgG1 |
| Product Type | Primary Antibodies |
| Units | 0.2 mg |
| Host | Mouse |
| Application | Dot blot ELISA Immunoblotting Immunocytochemistry Immunohistochemistry (paraffin) |

Distributors

For Purchasing Information, please contact your local distributor

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Background

The reactivity of the antiserum is directed to the FITC molecule as tested in direct binding enzyme immunoassay, ELISA and immunoblotting. To enhance the specific signal obtained with a monoclonal antibody or a polyclonal second antibody conjugated to FITC. The phenomenon of a weak reaction of a monoclonal antibody is e.g. well known in different analysis of vital peripheral blood mononuclear cells in suspensions by the expression of surface markers. A similar situation exists in solid phase assay systems (ELISA, blotting, DIBA) when used for the identification and /or quantitative determination of minute amounts of soluble specific antigens or antibodies. The sensitivity of the FITC hapten-anti-hapten system makes it a valuable alternative to the biotin-avidin system. The optimum working dilution is an assay-related characteristic and should always be determined by titration. For histochemical use optimum dilutions are mostly from 1:50 to 1:200; in ELISA from 1:500 upwards; in Western blotting from 1:1,000 upwards. These data should be interpreted as general recommendations only.

Source

Highly purified fluorescein isothiocyanate isomer 1.

Product

Biotin conjugated purified mouse IgG1 lyophilized from a solution in phosphate buffered saline (pH 7.2).

Applications

ELISA, Immunocytochemistry, Immunohistochemistry

(paraffin),Dot blot,Immunoblotting.

Cross Reactivity

This antiSerum has not been tested for cross-reactivity with other fluorescent compounds

Specificity

Biotin-conjugated purified monoclonal Mouse antibody to fluorescein isothiocyanate isomer 1

Storage

The lyophilized product is shipped at ambient temperature and may be stored at +4°C; prolonged storage at or below -20°C. Reconstitute the lyophilized ascites by adding 0.5 ml sterile distilled water. Dilutions may be prepared by adding phosphate buffered saline (PBS, pH 7.2). Avoid repeated thawing and freezing. If a slight precipitation occurs upon storage, this should be removed by centrifugation and will not affect the performance of the product. Diluted solutions should be stored at +4°C, not refrozen, and preferably used the same day. 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.