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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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) 



Mouse anti Human IgG4 (pFc subclass specific)

nordicmubio.com/product/mouse-anti-human-igg4-pfc-subclass-specific-2

Catalogue number: **MAHu/IgG4/MAb**

| | |
|--------------|----------------------|
| Clone | NI 315 (HP 6206) |
| Isotype | IgG1 |
| Product Type | Secondary Antibodies |
| Units | 0.2 mg |
| Host | Mouse |

Background

The reactivity of the antiserum is restricted to a subclass specific determinant on the pFc part of the IgG4 molecule as tested in indirect binding enzyme immunoassay, immunoblotting, immunoprecipitation and indirect immunoperoxidase staining of cytoplasmic Ig. To identify the presence of IgG4 in human serum, other body fluids, cell and tissue substrates and to determine its concentration in techniques as ELISA, indirect immunoperoxidase and indirect immunofluorescence staining of cytoplasmic IgG4, and immunoblotting. 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 monoclonal IgG4 isolated from human serum

Product

Purified mouse IgG1 kappa lyophilized from a solution in phosphate buffered saline (pH 7.2). No preservative added, as it may interfere with the antibody activity. No foreign protein added. IgG concentration is 2.0 mg/ml. No foreign proteins added. Reconstitute the lyophilized product by adding 0.5 ml sterile distilled water.

Specificity

Monoclonal Mouse antibody to Human IgG4, subclass specific.

In an ELISA against human IgG subclasses, only IgG4 gave a strong positive reaction with

the mouse anti-human IgG4 antibody. Reaction with human IgG1, IgG2 and IgG3 was minimal.

Species Reactivity: The antiSerum does not react with any other component of the Human Ig system or any other Human plasma protein as tested. This antiSerum has not been tested for cross-reactivity with other species

Applications

Indirect immunofluorescence,ELISA.

Storage

The lyophilized product is shipped at ambient temperature and may be stored at +4°C; prolonged storage at or below -20°C. 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.

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.