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Forschungsprodukte & Biochemikalien



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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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Mouse anti Human IgA1 (subclass specific), conjugated with Horseradish peroxidase

Catalogue number: **MAHu/IgA1/PO**

Clone	NI 69-11 (A89-036)
Isotype	IgG1
Product Type	Secondary Antibodies
Units	0.2 mg
Host	Mouse
Species reactivity	Human
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 restricted to determinants on the CH2 domain of IgA1 as tested in haemagglutination, haemagglutination inhibition, direct binding enzyme immunoassay, competitive inhibition enzyme immunoassay, immunoblotting, immunoprecipitation, latex agglutination assay and histochemistry (Results of an IUIS/WHO collaborative study, Mestecky J. et al. (1996) J. Immunol. Methods 193, 103-148). To identify the presence of IgA1 in human serum, other body fluids, cell and tissue substrates and to determine its concentration in techniques as ELISA, direct immunoperoxidase staining of cytoplasmic IgA, 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 1:10 to 1:50; in ELISA from 1:50 upwards; in Western blotting from 1:100 upwards.

Source

Highly purified monoclonal IgA1 isolated from pooled human serum.

Product

Purified monoclonal mouse IgG1 kappa conjugated with horseradish peroxidase, lyophilized from a solution in phosphate buffered saline (pH7.2). No preservative added, as it may interfere with the antibody activity. No foreign protein added. IgG

concentration is 0.4 mg/ml. Peroxidase/IgG protein molar ratio (E/P) approximately 1.7. No foreign proteins added.

Applications

ELISA, Immunocytochemistry, Immunohistochemistry (paraffin), Dot blot, Immunoblotting.

Cross 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 crossreactivity with other species.

Specificity

Horseradish peroxidase conjugated purified monoclonal Mouse antibody to Human IgA1, subclass specific

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 product 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.