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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

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Goat anti Canavalia Concanavalin A, conjugated with Horseradish peroxidase

Catalogue number: **GA/ConA/PO**

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

Distributors

For Purchasing Information, please contact your local distributor

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Background

Tested in immunoelectrophoresis, using different antigen/antibody concentration ratio's the antiserum gives one characteristic precipitin line. In enzyme-immunocytochemical and immunohistochemical staining of concanavalin A in appropriately prepared substrates. 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. The entire test system must be free of sodium azide, since it inhibits the enzyme activity.

Source

The lectin concanavalin A is a cell-agglutinating protein reacting specifically with molecules which contain alpha-D-mannopyranosyl, alpha-D-glucopyranosyl and sterically related residues. At pH 4.5-5.6 it exist as a dimer, above pH 7.0 predominantly as a tetramer. The monomer has a molecular weight of about 52,000. Freund's complete adjuvant is used in the first step of the immunization procedure.

Product

Horseradish peroxidase-coupled purified hyperimmune goat 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 since homologous proteins of different species frequently share antigenic determinants. The degree of cross-reactivity is also dependent on the concentration of the reactants and the sensitivity of the assay arrangement. Cross-reactivity of this antiSerum has not been tested in detail.

Specificity

Horseradish peroxidase-conjugated IgG fraction of polyclonal Goat antiSerum to concanavalin A from jack bean

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 in the dark 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.