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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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Rabbit anti Indole-3-butyric acid

Catalogue number: **T5208p**

Clone	Polyclonal
Product Type	Primary Antibodies
Units	1 ml
Host	Rabbit
Application	ELISA Immuno affinity chromatography

Distributors

For Purchasing Information, please contact your local distributor

[Find Distributor](#)

Background

Indole-3-butyric acid (IBA) is a plant hormone belonging to the group of auxins. It is used to stimulate root formation in plant cuttings.

Source

Rabbit immune serum

Product

Each vial contains 1 ml ProtA purified rabbit polyclonal antibody.

Applications

The antibody may be used in ELISA and Immuno-affinity-chromatography (IAC). Samples may include cutting medium samples and extraction of these samples may be performed using PBS-10% methanol, followed by neutralisation of the extract. Suggested dilution 1:50,000 in the indirect ELISA and 1:12,800 in the direct ELISA (this titer is defined as the dilution that gives 50 % of the absorbance from the maximum absorbance when tested with ELISA). Plates are coated with 400 ng/ml ovalbumine-conjugated indole-3-butyric acid. HRP-conjugated anti-rabbit IgG should be used as a tracer in a 1:8,000 dilution.

Cross Reactivity

Cross Reactivity Indole-3-acetic acid < 0.1 %

Specificity

Immunogen: BSA-Indole-3-butyric acid conjugate, Target: Indole-3-butyric acid (IBA), CAS no.: 133-32-4, Solubility target: Methanol, ethanol.

Storage

Store at 4 °C or -20 °C. The working antibody solution is stable for at least 7 days at 4 °C. Precautions should be taken for storage for longer periods. Problems of longterm stability may occur with

highly diluted solutions. No other preservative agent has been added to the present formulation. For long storage purposes in solution the addition of sodium azide to 0.02 % is advised with the appropriate precautions of use.

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 product contains sodium azide. To prevent formation of toxic vapors, do not mix with strong acidic solutions. To prevent formation of potentially explosive metallic azides in metal plumbing, always wash into drain with copious quantities of water. This datasheet is as accurate as reasonably achievable, but Nordic-MUbio accepts no liability for any inaccuracies or omissions in this information.