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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Sheep anti Rat IgG Fab

Catalogue number: **ShARa/Fab**

Clone	Polyclonal
Product Type	Secondary Antibodies
Units	1 ml
Host	Sheep
Species reactivity	Rat
Application	Immunoprecipitation

Distributors

For Purchasing Information, please contact your local distributor

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Background

The antiserum is reacting with the Fab subunit of intact IgG, IgA and IgM and other Ig classes of both light chain types, with their Fab or F(ab')₂ subunits and with free light chains of kappa and lambda type as tested in immunoelectrophoresis and double radial immunodiffusion. In precipitating techniques as immunoelectrophoresis and double radial immunodiffusion to identify the presence of Fab, free or bound.

Source

Purified Fab of normal rat IgG. Freund's complete adjuvant is used in the first step of the immunization procedure.

Product

Delipidated, heat inactivated lyophilized stable whole serum. No preservative added. Total protein and IgG concentration in the antiserum are comparable to those of pooled sheep serum. No foreign proteins added.

Applications

Immunoprecipitation. In immunoelectrophoresis use 2 µl or equivalent against 120 µl antiserum. In double radial immunodiffusion (Ouchterlony) use a rosette arrangement with 10 µl antiserum in a 3 mm diameter centre well and 2 µl serum samples (neat and diluted) in 2 mm diameter peripheral wells.

Cross Reactivity

Inter-species cross-reactivity is a normal feature of antibodies to immunoglobulins, since Ig of different species frequently share antigenic determinants. Cross-reactivity of this antiSerum has not been tested in detail, however in double radial immunodiffusion a reaction with Mouse and Human has been observed.

Specificity

Precipitating polyclonal Sheep antiSerum to Rat Fab of IgG.

Storage

The lyophilized antiserum 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. Working dilutions are prepared 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 product. 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.