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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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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) 



Rabbit anti Rat IgG1 (subclass specific)

Catalogue number: **RARa/IgG1**

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

Background

The reactivity of the antiserum is directed to the subclass IgG1. It does not react with other subclasses of IgG, IgG/Fab fragments, IgM and IgA or any non-Ig protein in rat serum, as tested by immunoelectrophoresis and double radial immunodiffusion. In precipitating techniques as immunoelectrophoresis and radial immunodiffusion to identify the presence of IgG1 in rat serum and other body fluids or to determine its concentration. To prepare an immunoabsorbent for the purification of rat IgG1 from serum or plasma.

Source

Pools of purified homogenous IgG1 isolated from rat serum. Freund's complete adjuvant is used in the first step of the immunization procedure.

Product

Delipidated, heat inactivated, lyophilized whole antiserum. No preservative added, as it may interfere with the antibody activity. Total protein and IgG concentration in the antiserum are comparable to those of pooled normal rabbit 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

This IgG fraction is not species-specific since inter-species cross-reactivity is a normal feature of antisera to immunoglobulins.

Distributors

For Purchasing Information, please contact your local distributor

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Cross-reactivity of this product has not been tested in detail, however in double radial immunodiffusion a reaction with Mouse and a weak reaction with Human has been observed.

Specificity

Precipitating polyclonal Rabbit antiSerum to Rat IgG1, subclass specific.

Storage

The lyophilized antiserum is shipped at ambient temperature and may be stored at +4°C; prolonged storage at or below -20°C. Reconstitute the lyophilized antiserum by adding 1 ml sterile distilled water. Dilutions may be prepared by adding phosphate buffered saline (PBS, pH 7.2). Repeated thawing and freezing should be avoided. If a slight precipitation occurs upon storage, this should be removed by centrifugation. It will not affect the performance of the antiserum. Diluted antiserum 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.