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Forschungsprodukte & Biochemikalien



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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) 



Goat anti Monkey IgA (Fc specific)

Catalogue number: **GAMon/IgA(Fc)**

Clone	Polyclonal
Product Type	Secondary Antibodies
Units	1 ml
Host	Goat
Species reactivity	Monkey
Application	Immunoprecipitation

Distributors

For Purchasing Information, please contact your local distributor

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Background

The reactivity of the antiserum is restricted to the Fc part of the IgA molecule. In immunoelectrophoresis and radial immunodiffusion, using various antiserum concentrations against normal monkey serum a single precipitin line is obtained which shows a reaction of identity with the precipitin line obtained with purified IgA. No precipitation reaction is obtained with purified IgG, IgM, and IgG/Fab fragments. In precipitating techniques as immunoelectrophoresis and radial immunodiffusion to identify the presence of IgA in monkey serum or other body fluids or to determine its concentration. To prepare an immunoabsorbent for the purification of monkey IgA from serum or plasma. Antisera to IgA do not discriminate between serum IgA (monomeric and dimeric) and higher molecular forms such as secretory IgA. This antiserum is not intended for use in non-precipitating antibody-binding or other highly sensitive assays. For such use labelled and unlabelled cytochemical and immunoassay grade reagents meeting the necessary additional specificity and performance requirements are available.

Source

Highly purified normal IgA isolated from Rhesus monkey serum. Freund's complete adjuvant is used in the first step of the immunization procedure.

Product

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

Applications

Immunoprecipitation. In immunoelectrophoresis use 2 µl serum or equivalent against 120 µl antiserum. In double radial immunodiffusion (Ouchterlony) use a rosette arrangement with 10

µl antiserum in 3 mm diameter center well and 2 µl serum samples (neat and serially 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. Precipitation reactions have been observed with immunoglobulins in Serum of other old-world Monkeys, including Cercopithecus, Cynomolgus and Baboon. The antiSerum may also react with other species as has been observed for Chimpanzee and man.

Specificity

Precipitating polyclonal Goat antiSerum to Monkey IgA, Fc 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.