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Rabbit anti Monkey IgM (Fc specific)

Catalogue number: **RAMon/IgM(Fc)**

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

Background

The reactivity of the antiserum is restricted to the Fc part of the IgM 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 IgM. No precipitation reaction is obtained with purified IgG, IgA, and IgG/Fab fragments

Source

Highly purified normal IgM 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 rabbit serum. No foreign proteins added.

Applications

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

Cross Reactivity

The antiSerum does not cross-react with any other component of the Monkey immunoglobulin system. 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 IgM in Serum of

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other old-world Monkeys, including Cercopithecus, Cynomolgus and baboon. The antiSerum may also react with IgM of other species as has been observed for Chimpanzee and man.

Specificity

Precipitating polyclonal Rabbit antiSerum to Monkey IgM, 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.