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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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Goat anti Mouse IgD (Fc specific)

Catalogue number: **GAM/IgD(Fc)**

| | |
|--------------------|----------------------|
| Clone | Polyclonal |
| Product Type | Secondary Antibodies |
| Units | 1 ml |
| Host | Goat |
| Species reactivity | Mouse |
| 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 portion of the IgD molecule, which represents strict isotype (class specificity). In immunoelectrophoresis and radial immunodiffusion, using various antiserum concentrations against mouse serum belonging to different allotypic groups, a single characteristic precipitin line is obtained which shows a reaction of identity with the precipitin line obtained with the purified IgD from Balb/C and C57Bl. No precipitation reaction is obtained with purified IgG, including all subclasses, IgA, IgM, IgG/Fab fragments or other serum proteins. The antiserum also reacts with membranebound IgD in peripheral blood cells of different mouse strains as tested by immunofluorescence microscopy. In precipitating techniques as immunoelectrophoresis and radial immunodiffusion to identify the presence of IgD in mouse serum and other body fluids or to determine its concentration. To prepare an immunoabsorbent for the purification of mouse IgD from serum or plasma. This antiserum is not intended for use in non-precipitating antibodybinding or other highly sensitive assays. For such use labelled an unlabelled cytochemical and immunoassay grade reagents meeting the necessary additional specificity and performance requirements are available.

Source

Highly purified polyclonal and monoclonal IgD isolated from Balb/C and C57Bl 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. 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.

Cross Reactivity

The antiSerum does not cross-react with any other component of the Mouse Ig system. Inter-species cross reactivity is a normal feature of antibodies to immunoglobulins, since Ig of different species frequently share antigenic determinants, but this has not been tested because of the very low level of IgD in most species.

Specificity

Precipitating polyclonal Goat antiSerum to Mouse IgD, Fc specific

Storage

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.