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Datasheet for ABIN458261

Goat anti-Monkey IgA (Fc Region) Antibody

Overview

Quantity:	1 mL
Target:	IgA
Binding Specificity:	Fc Region
Reactivity:	Monkey
Host:	Goat
Clonality:	Polyclonal
Application:	Immunoprecipitation (IP)

Product Details

Immunogen:	Highly purified normal IgA isolated from Rhesus monkey serum. Freund's complete adjuvant is used in the first step of the immunization procedure.
Specificity:	Precipitating polyclonal Goat antiSerum to Monkey IgA, Fc specific.
Cross-Reactivity (Details):	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.
Characteristics:	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

Product Details

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.

Purification: Delipidated, heat inactivated, stable whole serum

Sterility: Heat-inactivated

Target Details

Target: IgA

Abstract: [IgA Products](#)

Target Type: Antibody

Application Details

Application Notes: 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).

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitute the lyophilized antiserum by adding 1 mL sterile distilled water. 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. Reconstitute the lyophilized antiserum by adding 1 mL sterile distilled water.

Buffer: 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

Handling

serum. No foreign proteins added.

Preservative: Without preservative

Storage: RT, 4 °C, -20 °C

Storage Comment: The lyophilized antiserum is shipped at ambient temperature and may be stored at +4°C, prolonged storage at or below -20°C. 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.