

AP31436SU-N**Polyclonal Antibody to Monkey IgA + IgG + IgM (Fc specific) - Serum**

Alternate names:	Monkey IgA, Monkey IgG, Monkey IgM
Quantity:	1 ml
Host:	Goat
Immunogen:	Purified normal IgG, IgA and IgM fractions isolated from pooled rhesus monkey serum. Freund's complete adjuvant is used in the first step of the immunization procedure.
Format:	State: Delipidated, heat inactivated, lyophilized stable whole serum Buffer System: No preservative added, as it may interfere with the antibody activity. No foreign protein added.
Applications:	Can be used in immunoelectrophoresis and single and double radial immunodiffusion (Mancini, Ouchterlony) to identify and measure immunoglobulins; as secondary antibody to precipitate the immunoglobulin in normal monkey serum. This antiserum is not intended for use in non-precipitating antibody-binding or other highly sensitive assays. For such uses labelled and unlabelled cytochemical and immunoassay grade reagents meeting the necessary additional specificity and performance requirements are available. <u>Directions for use:</u> In immunoelectrophoresis use 2 µl or equivalent against 120 µl antiserum. In double radial immunodiffusion 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. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	The reactivity of the antiserum is directed to the Fc subunits of the major immunoglobulins. It does not react with any non-Ig protein in monkey serum, as tested by immunoelectrophoresis and double radial immunodiffusion. <u>Cross-reactivity:</u> 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. Species: Monkey. Other species not tested.
Add. Information:	Adsorption: Immunoaffinity adsorbed using insolubilized antigens as required to eliminate antibodies crossreacting with other serum proteins. Special attention is given to the removal of antibodies to common Ig/Fab. The use of insolubilized adsorption antigens prevents the presence of excess adsorbent protein or immune complexes in the antiserum.

Antibody titre: Precipitin titre not less than 1/32 when tested against normal rhesus monkey serum in agar block titration.

Storage:

Prior to reconstitution store at 2-8°C.

Following reconstitution store undiluted at 2-8°C for one week
or (in aliquots) at -20°C for longer.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.