

AP31447SU-N**Polyclonal Antibody to Monkey IgA + IgG + IgM (H+L chain) - Serum**

Alternate names:	Monkey IgA, Monkey IgG, Monkey IgM
Quantity:	1 ml
Host:	Rabbit
Immunogen:	Purified polyclonal IgG, IgA and IgM isolated from 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. Reconstitution: Restore with 1 ml sterile distilled water
Applications:	Can be used in precipitating techniques as immunoelectrophoresis, single and double radial immuno-diffusion (Mancini, Ouchterlony) to identify and measure immunoglobulins; as secondary antibody to precipitate immunoglobulins 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>Recommended dilutions:</u> Immunoelectrophoresis: use 2 µl or equivalent against 120 µl antiserum. 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 defined antibody specificity is directed to the major isotypes of the monkey immunoglobulin system and to the surface determinants of the common Fab portion as tested against as tested in immunoelectrophoresis and double radial immunodiffusion (Ouchterlony). <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 conjugate may also react with other species as has been observed for chimpanzee and man.
Add. Information:	Adsorption: Immunoaffinity adsorbed using insolubilized antigens as required to eliminate antibody activity with other serum protein. 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 1/64 when tested against normal 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 month
or (in aliquots) at -20°C for longer.
Avoid repeated freezing and thawing.
Shelf life: one year from despatch.