

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850 UNITED STATES Phone: +1-888-267-4436 Fax: +1-301-340-8606 techsupport@origene.com

OriGene Technologies GmbH

Schillerstr. 5 32052 Herford GERMANY Phone: +49-5221-34606-0 Fax: +49-5221-34606-11 info-de@origene.com

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.

Recommended dilutions:

Immunoelectrophoresis: use 2 μl or equivalent against 120 μl antiserum.

Double radial immunodiffusion: use a rosette arrangement with 10 μ l antiserum in a 3 mm diameter centre well and 2 μ l 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.

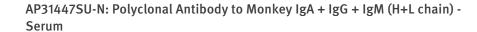
Add. Information: Adsorption: Immunoaffinity adsorbed using insolubilized antigens as required to

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.