

Polyclonal Antibody to Monkey IgA + IgG + IgM (Fc specific) - Azide Free

Alternate names:	Monkey IgA, Monkey IgG, Monkey IgM
Catalog No.:	AP31436AF-N
Quantity:	10 mg
Concentration:	10 mg/ml
Host / Isotype:	Goat / IgG
Immunogen:	Highly purified immunoglobulin fractions containing IgG, IgA and IgM isolated from monkey serum. Freund's complete adjuvant is used in the first step of the immunization procedure.
Format:	State: Lyophilised hyperimmune Ig fraction Purification: DEAE-column Chromatography Buffer System: PBS, pH 7.2 No preservative added, as it may interfere with the antibody activity. No foreign proteins added. Reconstitution: Restore with 1 ml sterile distilled water
Applications:	The cytochemical grade allows the use in different types of highly sensitive immunoassays on appropriately treated cell and tissue substrates; in radioimmunoassay; for the production of immunoconjugates with a selected marker; to prepare immunoaffinity adsorbents by coupling to an artificial carrier; in non-isotopic methodology based on solid phase immunochemistry (e.g. ELISA), both as catching antibody and detection reagent; in Western blotting. This product is not pre-diluted. The optimum working dilution of each product should be established by titration before being used. Working dilutions: For histochemical and cytochemical use are usually between 1/100 and 1/500. In ELISA and comparable non-precipitating antibody-binding assays are between 1/1000 and 1/5000. 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, including antibody to common determinants and to class specific determinants as tested against as tested in immunoelectrophoresis and double radial immunodiffusion (Ouchterlony). In immunoelectrophoresis and double radial immunodiffusion using various antiserum concentrations against normal monkey plasma and serum, the characteristic IgG, IgA and IgM precipitin lines are obtained.

Cross-reactivity:

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 product 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.

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.