

AP31444AF-N

Polyclonal Antibody to Monkey IgG (Fab specific) - Azide Free

Alternate names:	Monkey Immunoglobulin G
Quantity:	10 mg
Concentration:	10.0 mg/ml
Host / Isotype:	Rabbit / IgG
Immunogen:	Purified Fab from normal IgG isolated from pooled Rhesus Monkey serum. Freund's complete adjuvant is used in the first step of the immunization procedure.
Format:	State: Lyophilised hyperimmune purified IgG fraction Purification: Hyperimmune antisera with strong precipitating activity are selected for fractionation by salt precipitation and purification of the IgG fraction by DEAE-chromatography Buffer System: PBS, pH 7.2 without preservatives and foreign protein Reconstitution: Restore with 1 ml sterile distilled water
Applications:	Can be used for indirect staining of fixed cell and tissue substrates, to demonstrate the intracellular presence of free or Ig-bound subunits of both kappa and lambda type. In general this kind of products is not recommended as direct or indirect screening reagents for immunoglobulin isotypes on the surface of membranes of vital lymphoid cells. The presence of activity to the common Fab subunit may result in the staining of Ig bound to Fc-receptors on non-lymphoid cells. Combinations of isotype-specific reagents should be used instead for this purpose. When applied in any cytochemical or histochemical procedure or solids phase coupling technique, the optimum concentration of the IgG preparation should always be established by titration. <u>Recommended Working Dilutions:</u> Histochemistry Use: 1/50-1/500. ELISA and comparable non-precipitating antibody-binding assays: 1/1000-1/5000. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	The antiserum is reacting with the Fab subunit of intact IgG, IgA and IgM and other Ig classes of both light chain types, with their Fab or F(ab') ₂ subunits and with free light chains of kappa and lambda type as tested in 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. Cross-reactivity of this antiserum has not been tested in detail, however in immunoelectrophoresis a reaction with human has been observed. Species: Monkey. Other species not tested.
Add. Information:	Adsorption: Immunoaffinity adsorbed using insolubilized antigens as required to eliminate antibodies reacting with other subunits of the immunoglobulin or reacting with other serum proteins. The use of insolubilized adsorption antigens prevents the presence of foreign protein or immune complexes in the antiserum.

Storage:

Store lyophilized at 2-8°C for 6 months or at -20°C long term.
After reconstitution store the antibody undiluted at 2-8°C for one month
or (in aliquots) at -20°C long term.
Avoid repeated freezing and thawing.
Shelf life: one year from despatch.