

AP31444FC-N**Polyclonal Antibody to Monkey IgG (Fab specific) - FITC****Alternate names:**

Monkey Immunoglobulin G

Quantity:

1 ml

Concentration:

10 mg/ml

Host / Isotype:

Rabbit / IgG

Immunogen:

Purified normal Fab of monkey polyclonal IgG. 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.

Label: FITC – Fluorescein isothiocyanate isomer 1*Absorption / Emission:* 492nm/515nm*Molar Ratio:* 1,2**Reconstitution:** Restore with 1 ml sterile distilled water**Applications:**

Direct staining of fixed cell and tissue substrates; to demonstrate the intracellular presence of free or Ig-bound subunits of both kappa or lambda type. In general this conjugate is not recommended as direct or indirect screening reagent for Ig isotypes on surface membranes of vital lymphoid cells. The activity to the common Ig/Fab subunit may result in the staining of immunoglobulins bound to the Fc-receptors on non-lymphoid cells. Combinations of isotype-specific reagents should be used instead for this purpose. This immunoconjugate is not pre-diluted. The optimum working dilution of each conjugate should be established by titration before being used. Excess labelled antibody must be avoided because it may cause high unspecific background staining and interfere with the specific signal.

Working dilutions are usually between 1:20 and 1:80.

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 Fab subunits of intact IgG, IgA 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. In immunoelectrophoresis and double radial immunodiffusion using various antiserum concentrations against pooled monkey serum a characteristic precipitin line is obtained, which shows a reaction of identity with the precipitin line of the purified Fab.

Cross-reactivity: 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 antibody activity to any other serum protein. 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 month
or (in aliquots) at -20°C for longer.
Avoid repeated freezing and thawing.
Shelf life: one year from despatch.