

AP31447HR-N**Polyclonal Antibody to Monkey IgA + IgG + IgM (H+L chain) - HRP**

Alternate names:	Monkey IgA, Monkey IgG, Monkey IgM
Quantity:	1 ml
Concentration:	10.0 mg/ml
Host / Isotype:	Rabbit / IgG
Immunogen:	Purified immunoglobulin IgG, IgA and IgM fractions isolated from pooled rhesus monkey serum. Freund's complete adjuvant is used in the first step of the immunization procedure.
Format:	State: Lyophilised purified hyperimmune IgG 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: HRP – Horseradish peroxidase enriched for isoenzyme C (RZ = 3.2) <i>Molar Ratio:</i> Enzyme/IgG ~1.7 Reconstitution: Restore with 1.0 ml sterile distilled water
Applications:	ELISA. Dot blot. Immunoblotting. Immunocytochemistry. Immunohistochemistry on Paraffin Sections. Can be used in Enzyme-Immunocytochemical and Immunohistochemical staining for the detection of IgG, antigen or antibody, of appropriately treated cell and tissue substrates at the cellular and subcellular level. In non-isotopic assay methodology (e.g. ELISA) to identify and measure a specific IgG in monkey serum or other body fluid. In electron microscopy, since the complex between the conjugated antibody and the antigen also has electron-dense properties. 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. <i>Recommended Working Dilutions:</i> Histochemical and Cytochemical Use: 1/100-1/500. ELISA and comparable non-precipitating antibody-binding assays: 1/2000-1/8000. 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 Fc and Fab subunits of the major Immunoglobulin isotypes. It does not react with any non-Ig protein in Monkey serum, as tested by immunoelectrophoresis and double radial immunodiffusion.
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.
Species: Monkey.
Other species not tested.
- Add. Information:** **Conjugation procedure:** Conjugation is carried out using a proprietary modification of the periodate method, followed by several purification steps. After each step activity and specificity are tested in a variety of techniques. No foreign protein has been added. The conjugate is lyophilized to assure stability and long shelf life
- 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.