

## Product datasheet for **AP31450BT-N**

### Monkey IgA (Secretory component) Goat Polyclonal Antibody

#### Product data:

**Product Type:** Secondary Antibodies

**Product Name:** Monkey IgA (Secretory component) Goat Polyclonal Antibody

**Applications:** ELISA, ID, IF, IHC, IP, WB

**Recommended Dilution:** Tested in Immunoelectrophoresis, Double Radial Immunodiffusion and ELISA against a panel of appropriate secretions and purified Ig isotypes.

Can be used in Immunocytochemical and Immunohistochemical staining for the detection of free SC and secretory IgA at the cellular and subcellular level by staining of appropriately treated cell and tissue substrates. In non-isotopic assay methodology (e.g. ELISA) to identify and measure SC or secretory IgA in Monkey body fluids. As a second step an avidin or streptavidin conjugate of the user's choice has to be used. 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:

*Histochemical and Cytochemical Use: 1/50-1/200.*

*ELISA and comparable non-precipitating antibody-binding assays: 1/500-1/1,000.*

**Reactivity:** Monkey

**Host:** Goat

**Immunogen:** Purified free monkey secretory component isolated from pooled milk is used for immunization. Freund's complete adjuvant is used in the first step of the immunization procedure.

**Isotype:** IgG



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<b>Formulation:</b>	<p>PBS, pH 7.2 No preservative added, as it may interfere with the antibody activity. No foreign proteins added. Label: Biotin State: Lyophilised hyperimmune Ig fraction Label: <b>Marker:</b> N-Hydroxysuccinimidobiotin. <b>Conjugation procedure:</b> A proprietary technique for the binding to biotin is used, followed by several purification steps. After each step activity and specificity are tested in a variety of techniques. The conjugate is lyophilized to assure stability and long shelf life Molar ratio: Biotin / IgG ~8.6</p>
<b>Reconstitution Method:</b>	Restore with 1 ml sterile distilled water
<b>Concentration:</b>	10.0 mg/ml
<b>Purification:</b>	DEAE-column Chromatography
<b>Conjugation:</b>	Biotin
<b>Storage:</b>	<p>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.</p>
<b>Note:</b>	<p><b>Adsorption:</b> 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.</p>