

Product datasheet for **AP31450FC-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:	<p>Tested in immunoelectrophoresis, double radial immunodiffusion and ELISA against a panel of appropriate secretions and purified Ig isotypes.</p> <p>Can be used as reagent for the direct detection of secretory component in monkey cells, tissues and body fluids in immunofluorescence; as detection reagent in non-isotopic methodology and solid phase immunochemistry (e.g. ELISA).</p> <p>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.</p> <p><u>Working dilutions</u> are usually between 1/20 and 1/80.</p>
Reactivity:	Chimpanzee, Monkey
Host:	Goat
Immunogen:	<p>Secretory component is present in monkey secretions bound to secretory IgA (sIgA) and in free form. Secretory IgA (sIgA) functions as a dimer or polymer and accounts for almost all specific mucosal antibody activity. A molecule of sIgA is made up of two molecules of IgA, one J chain and one SC (MW 65,000). The dimer IgA is transported into secretions by its binding to the SC on the epithelial cells. SC also has an affinity for polymeric IgM. Purified free monkey secretory component isolated from pooled milk is used for immunization.</p> <p>Freund's complete adjuvant is used in the first step of the immunization procedure.</p>
Isotype:	IgG



[View online »](#)

Formulation:	<p>PBS, pH 7.2</p> <p>No preservative added, as it may interfere with the antibody activity. No foreign proteins added.</p> <p>Label: FITC</p> <p>State: Lyophilised hyperimmune Ig fraction</p> <p>Label: Fluorescein isothiocyanate isomer 1 Conjugation procedure A proprietary technique for the binding to is used, followed by several purification steps to remove free reactants and protein aggregates. After each step activity and specificity are tested in a variety of techniques. The conjugate is lyophilized to assure stability and long shelf life</p> <p>Absorption emission: 492nm/515nm</p> <p>Molar ratio: 1,6</p>
Reconstitution Method:	Restore with 1 ml sterile distilled water
Concentration:	10 mg/ml
Purification:	DEAE-column Chromatography
Conjugation:	FITC
Storage:	<p>Prior to reconstitution store at 2-8°C.</p> <p>Following reconstitution store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.</p> <p>Avoid repeated freezing and thawing.</p>
Note:	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.