

Product datasheet for **AP31450SU-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, IP
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 in precipitating techniques as immunoelectrophoresis and single and double radial immunodiffusion to identify the presence secretory component in monkey serum or other body fluids and to determine its concentration.</p> <p><u>Recommended dilutions:</u></p> <p><u>Immunoelectrophoresis:</u> use 2 μl serum or equivalent against 120 μl antiserum.</p> <p><u>Double radial immunodiffusion:</u> use a rosette arrangement with 10 μl antiserum in 3 mm diameter centre well and 2 μl serum samples (neat and serially diluted) in 2 mm diameter peripheral wells.</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 secretory component isolated from pooled rhesus monkey milk is used for immunization.</p> <p>Freund's complete adjuvant is used in the first step of the immunization procedure.</p>
Formulation:	<p>Without preservatives and foreign proteins.</p> <p>State: Serum</p> <p>State: Delipidated, heat inactivated, lyophilized, stable whole antiserum</p>
Reconstitution Method:	Restore with 1 ml sterile distilled water
Conjugation:	Unconjugated



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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.

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.
Antibody titre Precipitin titre 1:64 when tested against pooled normal monkey milk in agar-block immunodiffusion titration.