

**AP31474FC-N****Polyclonal Antibody to Canine Serum Proteins - FITC**

<b>Alternate names:</b>	Dog Serum Proteins
<b>Quantity:</b>	1 ml
<b>Concentration:</b>	10 mg/ml
<b>Host:</b>	Rabbit
<b>Immunogen:</b>	Pooled whole serum and selected protein fractions isolated from pooled dog serum. Freund's complete adjuvant is used in the first step of the immunization procedure.
<b>Format:</b>	<b>State:</b> Lyophilised hyperimmune Ig fraction <b>Purification:</b> DEAE-column Chromatography <b>Buffer System:</b> PBS, pH 7.2 No preservative added. No foreign proteins added. <b>Label:</b> FITC – Fluorescein isothiocyanate isomer 1 <i>Absorption / Emission:</i> 492nm / 515nm <b>Reconstitution:</b> Restore with 1 ml sterile distilled water
<b>Applications:</b>	Direct fluorescent staining of dog serum proteins at the cellular and subcellular level of appropriately treated cell and tissue substrates. 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. <u>Working dilutions</u> 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.
<b>Specificity:</b>	Tested in immunoelectrophoresis and double radial immunodiffusion against pooled serum precipitation of at least 12 individual proteins have been observed. <u>Cross-reactivity:</u> Inter-species cross-reactivity is a normal feature of antibodies to serum proteins, since homologous proteins of different species frequently share antigenic determinants. Cross-reactivity of this antiserum has not been tested in detail. <b>Species:</b> Canine. Other species not tested.
<b>Storage:</b>	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.