

## Product datasheet for **AP21474FC-N**

### Properdin (CFP) Goat Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, ID, IF, IHC, IP
Recommended Dilution:	Can be used as reagent for the direct detection of Properdin in Human cells, tissues and body fluids in Immunofluorescence, as detection reagent in non-isotopic methodology and Solid Phase Immunochemistry (e.g. ELISA). This immunoconjugate is not pre-diluted. Excess labelled antibody must be avoided because it may cause high unspecific background staining and interfere with the specific signal. <i>Recommended Dilutions: 1/10-1/60.</i>
Reactivity:	Human
Host:	Goat
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The antigen has been isolated from pooled Human plasma. Freund's complete adjuvant is used in the first step of the immunization procedure.
Specificity:	In Immunoelectrophoresis against Human serum a single precipitin line is obtained. The antiserum <b>does not</b> react with any other protein component of Human serum or plasma. The antiserum <b>does not</b> cross-react with any other Human plasma proteins as tested in gel-diffusion techniques. Inter-species cross-reactivity is a normal feature of antibodies to plasma proteins, since homologous proteins of different species frequently share antigenic determinants. Cross-reactivity of this antiserum has not been tested in detail.
Formulation:	PBS, pH 7.2 without preservatives Label: FITC State: Lyophilized purified IgG fraction Label: Fluorescein Isothiocyanate isomer 1 Absorption emission: 492 nm / 515 nm Molar ratio: Fluorescein/IgG ~1.4
Reconstitution Method:	Restore by adding 1 ml of sterile distilled water
Concentration:	lot specific
Purification:	Hyperimmune antisera with strong precipitating activity are selected for fractionation by Salt Precipitation and purification of the IgG fraction by DEAE-Chromatography



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Conjugation:	FITC
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.
Stability:	Shelf life: one year from despatch.
Gene Name:	complement factor properdin
Database Link:	<a href="#">Entrez Gene 5199 Human P27918</a>
Background:	Properdin is a factor of the alternative complement activation pathway. It has a molecular weight of 222,000 and consists of four peptide chains. Properdin is stabilizing the C3 convertase C3bBb. The mean concentration in plasma is 20 mg/ml.
Synonyms:	CFP, PFC, Complement factor P
Note:	<b>Adsorption:</b> Immunoaffinity adsorbed using insolubilized antigens as required, to eliminate antibodies reacting with other dog serum proteins. The use of insolubilized adsorption antigens prevents the presence of excess adsorbent protein or immune complexes in the antiserum.
Protein Families:	Secreted Protein