

Datasheet for ABIN458013 **anti-CFP antibody (FITC)**



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Overview

Quantity:	1 mL
Target:	CFP
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This CFP antibody is conjugated to FITC
Application:	ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	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. The antigen has been isolated from pooled human plasma. Freund's complete adjuvant is used in the first step of the immunization procedure.
Isotype:	IgG
Specificity:	The antiserum does not 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. of this antiserum has not been tested in detail.
Characteristics:	Fluorescein isothiocyanate-conjugated IgG fraction of polyclonal goat antiserum to human properdin

Product Details

Purification:	Adsorption: Immunoaffinity adsorbed using insolubilized antigens as required, to eliminate antibodies reacting with other human serum proteins. The use of insolubilized adsorption antigens prevents the presence of excess adsorbent protein or immune complexes in the antiserum. Hyperimmune antisera with strong precipitating activity are selected for fractionation by saltprecipitation and purification of the IgG fraction by DEAE-chromatography.
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Target Details

Target:	CFP
Alternative Name:	Properdin (CFP Products)
Background:	Tested in immunoelectrophoresis against human serum a single precipitin line is obtained. The antiserum does not react with any other protein component of human serum or plasma
Pathways:	Complement System

Application Details

Application Notes:	As reagent for the direct detection of properdin in human cells, tissues and body fluids in immuno-fluorescence, as detection reagent in non-isotopic methodology and solid phase immunochemistry (e.g. ELISA). 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 are usually between 1:10 and 1:60.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	IgG protein concentration 10.7 mg/ml. Fluorescein/IgG protein molar ratio (F/P) approximately 1.3. No foreign proteins added.
Buffer:	Fluorochrome-coupled purified hyperimmune IgG lyophilized from a solution in phosphate buffered saline (PBS, pH 7.2)
Preservative:	Without preservative
Storage:	4 °C