

Datasheet for ABIN457968 **anti-CFP antibody**



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Overview

Quantity:	1 mL
Target:	CFP
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This CFP antibody is un-conjugated
Application:	Immunodiffusion (ID), Radial Immunodiffusion (RID), Immunoelectrophoresis (IEP)

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 component of human plasma. Inter-species cross-reactivity is a normal feature of antibodies to plasma proteins since they frequently share antigenic determinants. of this antiserum has not been tested in detail.
Characteristics:	Precipitating polyclonal goat antiserum to human properdin
Purification:	Adsorption: Immunoaffinity adsorbed using insolubilized antigens as required, to eliminate antibodies reacting with other plasma proteins. The use of insolubilized adsorption antigens

Product Details

prevents the presence of excess adsorbent protein or immune complexes in the antiserum.

Target Details

Target:	CFP
Alternative Name:	Properdin (CFP Products)
Background:	The defined antibody specificity is restricted to properdin as tested at the level of sensitivity of immunoprecipitation techniques. A single precipitin line is obtained in immuno-electrophoresis, bidimensional electrophoresis and double radial immunodiffusion (Ouchterlony) against normal plasma, which shows a reaction of identity with the precipitated purified properdin. No reaction is obtained with any other plasma protein
Pathways:	Complement System

Application Details

Application Notes:	In precipitating techniques as immunoelectrophoresis and single or double radial immunodiffusion. The presence of non-precipitating antibodies has not been assayed. This does not exclude the use of the antiserum in non-precipitating antibody-binding techniques if proper controls are included.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	Total protein and IgG concentrations in the antiserum are comparable to those of pooled normal goat serum. No foreign proteins added. Antibody titre: Precipitin titre 1:8 when tested against pooled normal human plasma in agar-block immunodiffusion titrati
Buffer:	Delipidated, heat inactivated, lyophilized, stable whole antiserum
Preservative:	Without preservative
Storage:	4 °C/-20 °C
Storage Comment:	The lyophilized antiserum is shipped at ambient temperature and may be stored at +4°C, prolonged storage at or below -20°C. Reconstitute the lyophilized antiserum by add ing 1 ml sterile distilled water. Dilutions may be prepared by adding phosphate buffered saline (PBS, pH 7.2). Repeated thawing and freezing should be avoided. If a slight precipitation occurs upon

storage, this should be removed by centrifugation. It will not affect the performance of the antiserum. Diluted antiserum should be stored at +4°C, not refrozen, and preferably used the same day.