

Datasheet for ABIN181117  
**anti-CFP antibody**



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## Overview

Quantity:	0.1 mg
Target:	CFP
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CFP antibody is un-conjugated
Application:	Enzyme Immunoassay (EIA), Immunohistochemistry (Frozen Sections) (IHC (fro)), Functional Studies (Func)

## Product Details

Immunogen:	Native purified factor P from human serum.
Clone:	01-10-18
Isotype:	IgG1
Specificity:	This antibody recognises human factor P, a 53 kDa glycosylated protein present in blood serum.
Characteristics:	Synonyms: CFP, PFC, Complement factor P
Purification:	Affinity chromatography on Protein A

## Target Details

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## Target Details

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Alternative Name:	Properdin ( <a href="#">CFP Products</a> )
Background:	Factor P binds to microbial surfaces and binds and stabilizes the complement component 3- and complement component 5-convertase enzyme complexes. C3b then acts as an opsonin or initiates the complement pathway again creating a positive feedback loop which acts only on the bacterial cell, leaving the host cells unharmed. Deficiency of factor P makes the host more susceptible to bacterial infections, particularly to Neisseria species and meningococcal infections.Synonyms: CFP, Complement factor P, PFC
Gene ID:	5199
UniProt:	<a href="#">P27918</a>
Pathways:	<a href="#">Complement System</a>

## Application Details

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Application Notes:	ELISA. Functional Assays. Immunohistochemistry on frozen sections. Recommended Positive Control: Kidney from post streptoccal glomerulonephritis patients. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

## Handling

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Concentration:	1.0 mg/mL
Buffer:	Borate buffered saline pH 8.2 containing 0.02 % Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody 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.
Expiry Date:	12 months