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Datasheet for ABIN653898 anti-CFP antibody (AA 197-223)

2 Images



Overview

Quantity:	400 µL
Target:	CFP
Binding Specificity:	AA 197-223
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CFP antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	This CFP antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 197-223 amino acids from the Central region of human CFP.
Clone:	RB22181
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

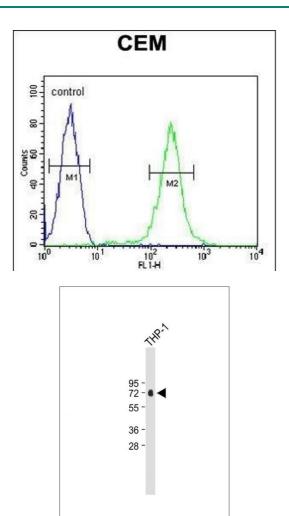
Target Details

Target:	CFP
Alternative Name:	CFP (CFP Products)
Background:	This gene encodes a plasma glycoprotein that positively regulates the alternative complement

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Target Details

	pathway of the innate immune system. This protein binds to many microbial surfaces and
	apoptotic cells and stabilizes the C3- and C5-convertase enzyme complexes in a feedback loop
	that ultimately leads to formation of the membrane attack complex and lysis of the target cell.
	Mutations in this gene result in two forms of properdin deficiency, which results in high
	susceptibility to meningococcal infections.
Molecular Weight:	51276
Gene ID:	5199
NCBI Accession:	NP_001138724, NP_002612
UniProt:	P27918
Pathways:	Complement System
Application Details	
Application Notes:	WB: 1:500. FC: 1:10~50
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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.
Storogo:	
Storage:	4 °C,-20 °C
Storage Comment:	4 °C,-20 °C Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.



Flow Cytometry

Image 1. CFP Antibody (Center) (ABIN653898 and ABIN2843141) flow cytometric analysis of CEM cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

Image 2. Anti-CFP Antibody (Center) at 1:500 dilution + THP-1 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 51 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

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