

Rabbit anti-Human CFP Polyclonal Antibody | anti-CFP antibody

CFP Antibody (Center)

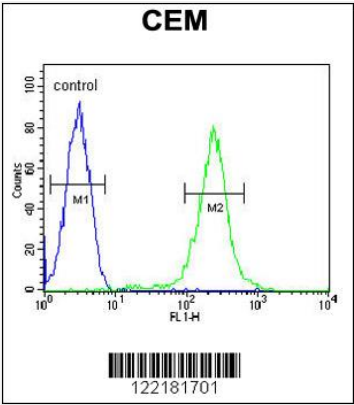
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284206	Rabbit	Human	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

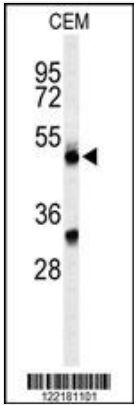
CFP; Polyclonal Antibody; CFP Antibody (Center); Properdin; Complement factor P; PFC; anti-CFP antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	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.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.46 (varies by lot)
Sequence Positions	197-223
Sequence Length	469
Applicable Applications for anti-CFP antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
CFP Antibody (Center) 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.



WB (Western Blot)
Western blot analysis of CFP Antibody (Center) in CEM cell line lysates (35ug/lane). CFP (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-CFP antibody	This gene encodes a plasma glycoprotein that positively regulates the alternative complement 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.
Product Categories/Family for anti-CFP antibody	Cardiovascular; Immunology
References	Seitsonen, S., et al. Mol. Immunol. 47(6):1334-1336(2010) Chapuis, J., et al. Mol. Psychiatry 14(11):1004-1016(2009) Wolf-Schnurrbusch, U.E., et al. Retina (Philadelphia, Pa.) 29(7):966-973(2009) Keslar, K., et al. Transplantation 86(9):1319-1321(2008) Hartmann, S., et al. J. Biol. Chem. 275(37):28569-28574(2000)

NCBI AND UNIPROT INFORMATION

NCBI GI #	223671861
NCBI GeneID	5199
NCBI Accession #	NP_001138724.1; NP_002612.1
NCBI GenBank Nucleotide #	NM_001145252.1
UniProt Accession #	P27918; O15134; O15135; O15136; O75826
Molecular Weight	51276
NCBI Official Full Name	properdin
NCBI Official Synonym Full Names	complement factor properdin
NCBI Official Symbol	CFP
NCBI Official Synonym Symbols	BFD; PFC; PFD; PROPERDIN
NCBI Protein Information	properdin
UniProt Protein Name	Properdin
UniProt Gene Name	CFP

UniProt Synonym Gene Names	PFC
UniProt Entry Name	PROP_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cfp-antibody-flow-cytometry-western-blot-elisa/284206>