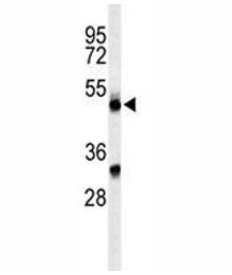
CFP Antibody / Complement Factor P / Properdin (F52012)

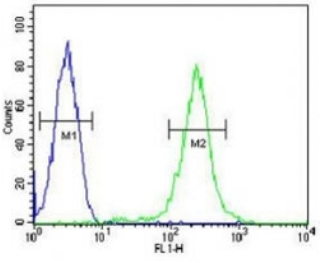
Catalog No.	Formulation	Size
F52012-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F52012-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P27918
Applications	Western blot: 1:1000 Flow Cytometry: 1:10-1:50
Limitations	This CFP antibody is available for research use only.



Western blot analysis of CFP antibody and CEM lysate.



CFP antibody flow cytometric analysis of CEM cells (green) compared to a negative control (blue). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.

Description

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.

Application Notes

Titration of the CFP antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 197-223 from the human protein was used as the immunogen for this CFP antibody.

Storage

Aliquot the CFP antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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