

**CFD Antibody (N-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP12089a****Specification**

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**CFD Antibody (N-term) Blocking peptide - Product Information**

Primary Accession [P00746](#)

**CFD Antibody (N-term) Blocking peptide - Additional Information**

**Gene ID** 1675

**Other Names**

Complement factor D, Adipsin, C3 convertase activator, Properdin factor D, CFD, DF, PFD

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**CFD Antibody (N-term) Blocking peptide - Protein Information**

**Name** CFD

**Synonyms** DF, PFD

**Function**

Factor D cleaves factor B when the latter is complexed with factor C3b, activating the C3bbb complex, which then becomes the C3 convertase of the alternate pathway. Its function is homologous to that of C1s in the classical pathway.

**Cellular Location**

Secreted.

**CFD Antibody (N-term) Blocking peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

**CFD Antibody (N-term) Blocking peptide - Images**

**CFD Antibody (N-term) Blocking peptide - Background**

The protein encoded by this gene is a member of the trypsin family of peptidases. The encoded protein is a component of the alternative complement pathway best known for its role in humoral suppression of infectious agents. This protein is also a serine protease that is secreted by adipocytes into the bloodstream. Finally, the encoded protein has a high level of expression in fat, suggesting a role for adipose tissue in immune system biology.

**CFD Antibody (N-term) Blocking peptide - References**

Bailey, S.D., et al. Diabetes Care (2010) In press :Hietaharju, A., et al. Eur. J. Neurol. 17(2):332-334(2010)Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)Ciprandi, G., et al. Int. Immunopharmacol. 9(12):1460-1463(2009)Cerhan, J.R., et al. Br. J. Haematol. 145(5):614-623(2009)