

Product Information

Recombinant Anti-Human cfd Antibody Fab Fragment

Cat. No.: **MOM-18544-F(P)**

This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant Mouse Antibody Fab Fragment is specific to Human CFD, expressed in E. coli

Antigen Description

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.

Specific Activity

Tested positive against native antigen.

Target

CFD

Immunogen

Human Factor D protein.

Source

Mouse

Species Reactivity

Human

Type

Fab

Expression Host

E. coli

Purity

>95.0% as determined by analysis by SDS-PAGE.

Applications

Suitable for use in FC, IP, ELISA, Neut, FuncS, IF and most other immunological methods.

Storage

Store at 4°C for up to 3 months. For longer term storage aliquot into small volumes and store at -20°C.

ANTIGEN GENE INFORMATION

Gene Name

[CFD complement factor D \(adipsin\) \[Homo sapiens \]](#)

Official Symbol

CFD

Synonyms

CFD; complement factor D (adipsin); D component of complement (adipsin) , DF, PFD, properdin factor D; complement factor D; ADN; properdin factor D; C3 convertase activator; complement factor D preproprotein; D component of complement (adipsin); DF; PFD; ADIPSIN;

Gene ID

[1675](#)

mRNA Refseq

[NM_001928](#)

Protein Refseq

[NP_001919](#)

MIM

[134350](#)

UniProt ID

P00746

Chromosome Location

19p13.3

Pathway

Adipogenesis, organism-specific biosystem; Alternative complement activation, organism-specific biosystem; Complement and coagulation cascades, organism-specific biosystem; Complement and coagulation cascades, conserved biosystem; Complement cascade, organism-specific biosystem; Hemostasis, organism-specific biosystem; Immune System, organism-specific biosystem;

Function

peptidase activity; serine-type endopeptidase activity; serine-type peptidase activity;