

# Rabbit anti-Human CFD mAb

**Catalog No.:** RMK0315

## Basic Information

**Catalog No.**  
RMK0315

**Catagory**  
Elisa Antibody Kit

**Application**  
Multiplex

## Product Information

**Ig Type**  
Rabbit IgG

**Purification**  
Affinity purification

**Endotoxin Level**  
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**Storage**  
Store at -20°C.  
**Avoid repeated freeze-thaw cycles.**

**Formulation**  
Supplied as a 0.2 µm filtered solution in PBS with 0.05% Proclin 300, pH 7.4.

## Contact

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 | [support@abclonal.com](mailto:support@abclonal.com)

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## Background

This gene encodes a member of the S1, or chymotrypsin, family of serine peptidases. This protease catalyzes the cleavage of factor B, the rate-limiting step of the alternative pathway of complement activation. This protein also functions as an adipokine, a cell signaling protein secreted by adipocytes, which regulates insulin secretion in mice. Mutations in this gene underlie complement factor D deficiency, which is associated with recurrent bacterial meningitis infections in human patients. Alternative splicing of this gene results in multiple transcript variants. At least one of these variants encodes a preproprotein that is proteolytically processed to generate the mature protease.

## Immunogen Information

**Immunogen**  
Recombinant Human CFD Protein

## Cross-Reactivity

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## Assay Applications

Human CFD Sanwich Immunoassay

	Recommended Concentration	Sample
Multiplex Capture	3-20 µg/mL	Rabbit anti-Human CFD mAb (Cat. No. RMK0314)
Multiplex Detection	0.017-2 µg/mL	Rabbit anti-Human CFD mAb (Cat. No. RMK0315)
Standard	6.86-5000 pg/mL	Recombinant Human CFD Protein

# Validation Data

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Standard Curve Chart

