Leader in Biomolecular Solutions for Life Science

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Rabbit anti-Human Complement Factor D mAb(DET

Catalog No.: RMK0177

Basic Information

Catalog No.
RMK0177

Catagory
Elisa Antibody Kit

Application
ELISA

Product Information

Ig Type
Rabbit IgG

Purification
Affinity purification

Endotoxin Level
/

Storage
Store at -20℃
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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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 Complement Factor D

Cross-Reactivity

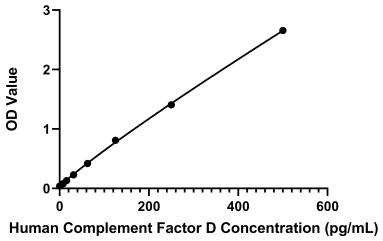
Human

Assay Applications

Human Complement Factor D Sandwich Immunoassay

	Recommended Concentration	Sample
ELISA Capture	0.5-2 μg/mL	Rabbit anti-Human Complement Factor D mAb (Cat. No. RMK0176)
ELISA Detection	0.033-0.133 μg/mL	Rabbit anti-Human Complement Factor D mAb (Cat. No. RMK0177)
Standard	7.81-500 pg/mL	Recombinant Human Complement Factor D Protein (Cat. No. RP01367)

Validation Data



This standard curve is only for demonstration purposes. A standard curve should be generated for each assay.