

Anti-Factor D Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

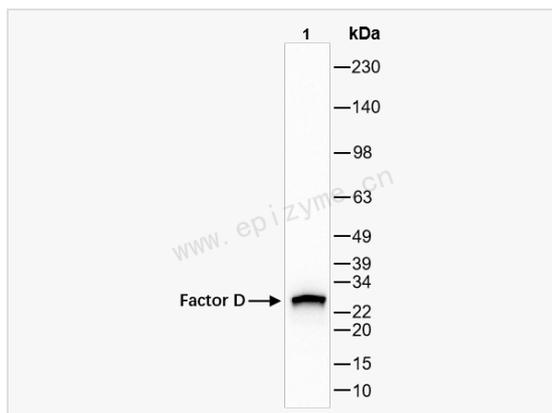
Catalog # R010472

Product Information

Application	WB, ELISA
Reactivity	Human
Dilution	WB 1:1,000~1:2,000
Host	Rabbit
Clonality	Monoclonal
Clone No.	51K67K69
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant protein of human Factor D
Format	Affinity purified monoclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Factor D Rabbit mAb [51K67K69] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	Adipsin; And; CFD; Complement factor D; FactorD; PFD.
Calculated MW	Calculated MW: 27 kDa; Observed MW: 27 kDa
Uniprot ID	P00746
Gene ID	1675
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. [provided by RefSeq, Nov 2015]
Cellular Location	Secreted



Western Blot - Anti-Factor D Rabbit mAb [51K67K69]

All lanes: R010472 at 1:1,000 dilution

Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates

Lysates/proteins at 10 μ g per lane.

Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 27 kDa

Observed band size: 27 kDa

Developed using the ECL technique (Cat. No. SQ201).