

For Research Use Only

CFP Recombinant antibody

Catalog Number: 85999-1-RR



Basic Information

Catalog Number:

85999-1-RR

Concentration:

1000 μ g/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG2219

GenBank Accession Number:

BC015756

GeneID (NCBI):

5199

UNIPROT ID:

P27918

Full Name:

complement factor properdin

Calculated MW:

469 aa, 51 kDa

Observed MW:

55 kDa

Purification Method:

Protein A purification

CloneNo.:

250654E3

Recommended Dilutions:

WB: 1:1000-1:6000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : rat plasma, human plasma, mouse serum tissue

Background Information

CFP, also named as Properdin or PFC, is a 469 amino acid protein, which contains 7 TSP type-1 domains. CFP as secreted protein is a positive regulator of the alternate pathway of complement. It binds to and stabilizes the C3- and C5-convertase enzyme complexes. Properdin deficiency poses a significant risk for severe meningococcal infections (PMID: 22229731). Properdin may be novel biomarker for future risk of type 2 diabetes (PMID: 22338105).

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

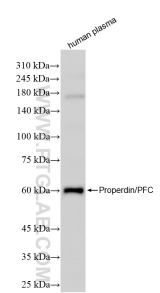
T: 4006900926

E: Proteintech-CN@ptglab.com

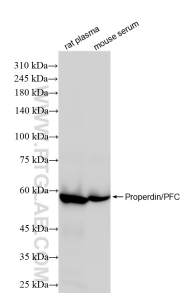
W: ptgcn.com

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Selected Validation Data



human plasma were subjected to SDS PAGE followed by western blot with 85999-1-RR (CFP antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 85999-1-RR (CFP antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.