For Research Use Only

CFP Recombinant antibody, PBS Only

Catalog Number:85999-1-PBS

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Basic Information

Catalog Number:
85999-1-PBS

Concentration:
1 mg/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

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

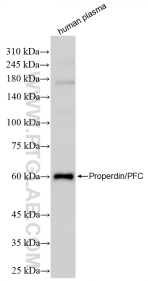
CFP, also named as Properdin or PFC, is a 469 amino acid protein, which contains 7 TSP type-1 domains. CFP as secreted protein is a positive regulator of the alternate pathway of complement. It binds to and stabilizes the C3- and C5-convertase enzyme complexes. Properdin deficiency poses a significant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

Storage

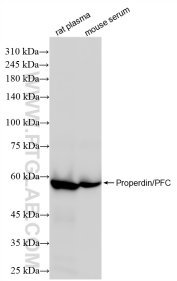
Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage Buffer:
PBS only, pH7.3

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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. This data was developed using the same antibody clone with 85999-1-PBS in a different storage buffer formulation.



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. This data was developed using the same antibody clone with 85999-1-PBS in a different storage buffer formulation.