

For Research Use Only

Properdin/PFC Monoclonal antibody, PBS Only

Catalog Number: 66788-1-PBS



Basic Information

Catalog Number: 66788-1-PBS	GenBank Accession Number: BC015756	Purification Method: Protein G purification
Size: 100ug , Concentration: 1000 µg/ml by 5199 Nanodrop;	GeneID (NCBI): UNIPROT ID: P27918	CloneNo.: 1D5A9
Source: Mouse	Full Name: complement factor properdin	
Isotype: IgG1	Calculated MW: 469 aa, 51 kDa	
Immunogen Catalog Number: AG9798	Observed MW: 50 kDa, 100 kDa, 150 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, rat, pig

Background Information

CFP, also named as Properdin or CFP, 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). In plasma, properdin exists as dimers, trimers or tetramers.

Storage

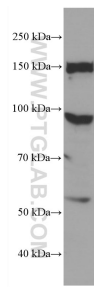
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Jurkat cells were subjected to SDS PAGE followed by western blot with 66788-1-Ig (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 66788-1-PBS in a different storage buffer formulation.