

For Research Use Only

Properdin/PFC Monoclonal antibody

Catalog Number: 66788-1-Ig



Basic Information

Catalog Number: 66788-1-Ig	GenBank Accession Number: BC015756	Purification Method: Protein G purification
Size: 150ul , Concentration: 1200 ug/ml by Nanodrop and 1000 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 5199	CloneNo.: 1D5A9
Source: Mouse	UNIPROT ID: P27918	Recommended Dilutions: WB 1:1000-1:6000
Isotype: IgG1	Full Name: complement factor properdin	
Immunogen Catalog Number: AG9798	Calculated MW: 469 aa, 51 kDa	
	Observed MW: 50 kDa, 100 kDa, 150 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : Jurkat cells, human plasma
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 -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

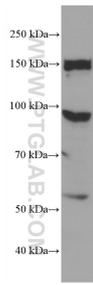
For technical support and original validation data for this product please contact:

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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.