

CFP 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: 1 mg/ml	GeneID (NCBI): 5199	CloneNo.: 1D5A9
Source: Mouse	UNIPROT ID: P27918	
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, Indirect ELISA

Species Specificity:
Human, pig, rat

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.

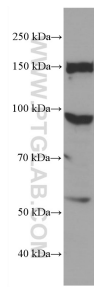
Storage

Storage:
Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

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.