

CFP Monoclonal antibody

Catalog Number: 66788-1-Ig

Basic Information

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

Applications

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| Tested Applications: WB, ELISA | Positive Controls: WB : Jurkat cells, human plasma |
| 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

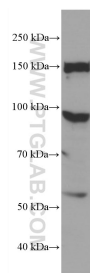
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

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