

Product datasheet for **AM01337PU-N**

Properdin (CFP) Mouse Monoclonal Antibody [Clone ID: 10-18]

Product data:

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| Product Type: | Primary Antibodies |
| Clone Name: | 10-18 |
| Applications: | ELISA, FN, IHC |
| Recommended Dilution: | ELISA. Functional Assays. Immunohistochemistry on frozen sections. Recommended Positive Control: Kidney from post streptoccal glomerulonephritis patients. |
| Reactivity: | Human |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | Native purified factor P from human serum. |
| Specificity: | This antibody recognises human factor P, a 53 kDa glycosylated protein present in blood serum. |
| Formulation: | Borate buffered saline pH 8.2 containing 0.02% Sodium Azide State: Purified State: Liquid Ig fraction |
| Concentration: | lot specific |
| Purification: | Affinity chromatography on Protein A |
| Conjugation: | Unconjugated |
| Storage: | Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. |
| Stability: | Shelf life: one year from despatch. |
| Gene Name: | complement factor properdin |
| Database Link: | Entrez Gene 5199 Human P27918 |



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| Background: | Factor P binds to microbial surfaces and binds and stabilizes the complement component 3- and complement component 5-convertase enzyme complexes. C3b then acts as an opsonin or initiates the complement pathway again creating a positive feedback loop which acts only on the bacterial cell, leaving the host cells unharmed. Deficiency of factor P makes the host more susceptible to bacterial infections, particularly to Neisseria species and meningococcal infections. |
| Synonyms: | CFP, PFC, Complement factor P |
| Note: | This antibody is reported to inhibit the function of factor P. Removal of Sodium Azide is recommended prior to use in functional assays. |
| Protein Families: | Secreted Protein |