

Product datasheet for **AM01338PU-N**

Properdin (CFP) Mouse Monoclonal Antibody [Clone ID: 10-24]

Product data:

Product Type:	Primary Antibodies
Clone Name:	10-24
Applications:	ELISA, IHC
Recommended Dilution:	ELISA. 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 complement factor P, a 53 kDa glycosylated protein present in blood serum. This antibody does not inhibit function of complement factor P.
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



[View online »](#)

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
Protein Families:	Secreted Protein