

## Product datasheet for **AP31672PU-N**

### Complement C5 (C5) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	ELISA: 1/2000 - 1/3000.
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Specificity:	Rabbit Anti-Human C5a polyclonal antibody is prepared by immunizing New Zealand white rabbits with human C5a antigen and isolating the C5a antibody from rabbit serum.
Formulation:	PBS containing 0.02% sodium azide (NaN <sub>3</sub> ) as preservative State: Purified State: Liquid purified Ig fraction
Concentration:	lot specific
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 component 5
Database Link:	<a href="#">Entrez Gene 727 Human P01031</a>
Background:	Human C5a is 74 amino acids long and is a potent anaphylatoxin and chemotactic factor that stimulates directed migration of neutrophils, eosinophils, basophils and monocytes. Of all of the anaphylatoxic peptides generated by the activation of the complement system, C5a elicits the broadest range of activity. This activity includes the degranulation of mast cells and basophils, increased vascular permeability and the induction of cytokine synthesis by leukocytes.
Synonyms:	Complement C5 alpha chain, C5a anaphylatoxin, CPAMD4
Protein Families:	Druggable Genome



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**Protein Pathways:** Complement and coagulation cascades, Prion diseases, Systemic lupus erythematosus