

**Anti-Complement C3 Reference Antibody (NGM621)  
Recombinant Antibody  
Catalog # APR10144**

**Specification**

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**Anti-Complement C3 Reference Antibody (NGM621) - Product Information**

Application	FC, E, FTA
Primary Accession	<a href="#">P01024</a>
Reactivity	Cynomolgus, Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	149.04 KDa

**Anti-Complement C3 Reference Antibody (NGM621) - Additional Information**

**Target/Specificity**  
Complement C3

**Endotoxin**  
< 0.001EU/ µg,determined by LAL method.

**Conjugation**  
Unconjugated

**Expression system**  
CHO Cell

**Format**  
Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.

**Anti-Complement C3 Reference Antibody (NGM621) - Protein Information**

**Name** C3

**Synonyms** CPAMD1

**Function**  
C3 plays a central role in the activation of the complement system. Its processing by C3 convertase is the central reaction in both classical and alternative complement pathways. After activation C3b can bind covalently, via its reactive thioester, to cell surface carbohydrates or immune aggregates. [C3-beta-c]: Acts as a chemoattractant for neutrophils in chronic inflammation.

**Cellular Location**  
Secreted.

**Tissue Location**

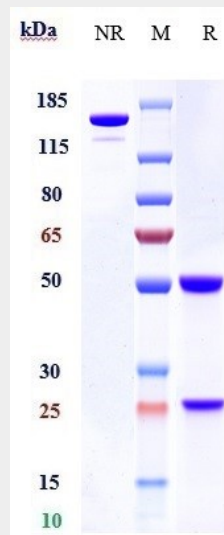
Plasma. The acylation stimulating protein (ASP) is expressed in adipocytes and released into the plasma during both the fasting and postprandial periods.

### Anti-Complement C3 Reference Antibody (NGM621) - Protocols

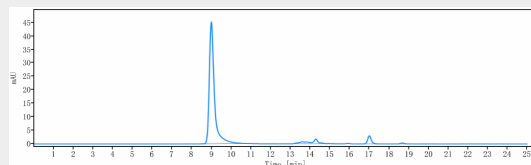
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### Anti-Complement C3 Reference Antibody (NGM621) - Images



Anti-Complement C3 Reference Antibody (NGM621) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%



The purity of Anti-Complement C3 Reference Antibody (NGM621) is more than 95% ,determined by SEC-HPLC.