

**Anti-Complement Factor D Reference Antibody (lampalizumab)  
Recombinant Antibody  
Catalog # APR10146****Specification**

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**Anti-Complement Factor D Reference Antibody (lampalizumab) - Product Information**

Application	FC, E, FTA
Primary Accession	<a href="#">P00746</a>
Reactivity	Cynomolgus, Human, Rabbit
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	143.8 KDa

**Anti-Complement Factor D Reference Antibody (lampalizumab) - Additional Information**

**Target/Specificity**  
Complement Factor D

**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.

**Storage**  
-80°C for 2 years under sterile conditions □ -20°C for 1 year under sterile conditions □ Avoid repeated freeze-thaw cycles.

**Anti-Complement Factor D Reference Antibody (lampalizumab) - Protein Information**

**Name** CFD

**Synonyms** DF, PFD

**Function**  
Factor D cleaves factor B when the latter is complexed with factor C3b, activating the C3bbb complex, which then becomes the C3 convertase of the alternate pathway. Its function is homologous to that of C1s in the classical pathway.

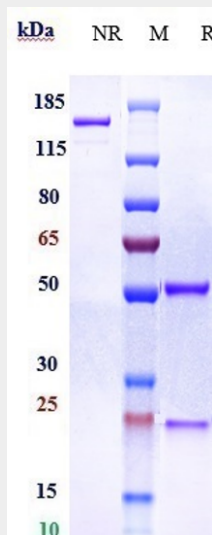
**Cellular Location**  
Secreted.

## Anti-Complement Factor D Reference Antibody (lampalizumab) - Protocols

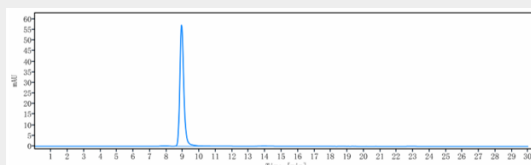
Provided below are standard protocols that you may find useful for product applications.

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

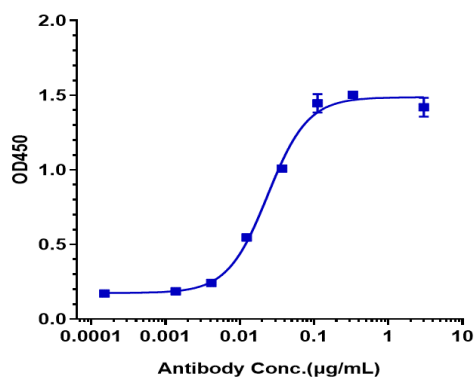
## Anti-Complement Factor D Reference Antibody (lampalizumab) - Images



Anti-Complement Factor D Reference Antibody (lampalizumab) 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 Factor D Reference Antibody (lampalizumab) is more than 99.38%, determined by SEC-HPLC.



Immobilized human Complement Factor D, Fc at 2 µg/mL can bind Anti-Complement Factor D Reference Antibody (lampalizumab) □ EC<sub>50</sub>=0.02371 µg/mL