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Anti-Complement Factor D Reference Antibody (lampalizumab)

Recombinant Antibody
Catalog # APR10146

Specification

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

Application	**FC, E, FTA**
Primary Accession	P00746
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.

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

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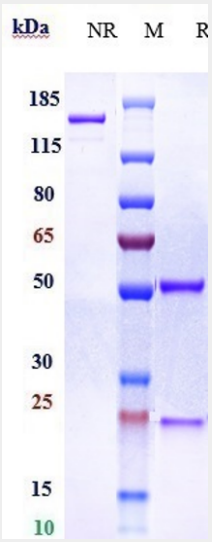
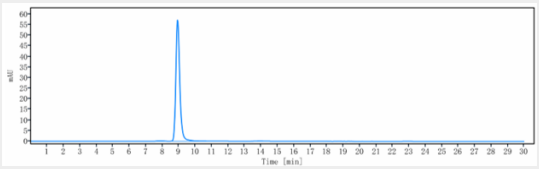
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

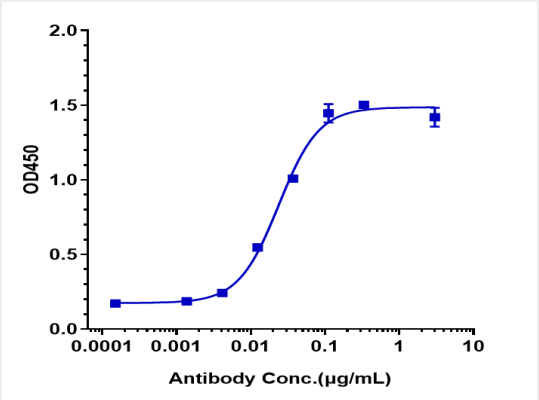
Anti-Complement Factor D Reference Antibody (lampalizumab) - Images



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

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Reference Antibody (lampalizumab) EC50=0.02371 µg/mL