10320 Camino Santa Fe, Suite G
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Anti-Complement C5 Reference Antibody (vilobelimab)

Recombinant Antibody
Catalog # APR10843

Specification

Anti-Complement C5 Reference Antibody (vilobelimab) - Product Information

Application	**FC, Kinetics, Animal Model**
Primary Accession	P01031
Reactivity	**Human**
Clonality	**Monoclonal**
Isotype	**IgG4SP**
Calculated MW	**145.88 KDa**

Anti-Complement C5 Reference Antibody (vilobelimab) - Additional Information

Target/Specificity
Complement C5

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 C5 Reference Antibody (vilobelimab) - Protein Information

Name C5 {ECO:0000303|PubMed:1984448, ECO:0000312|HGNC:HGNC:1331}

Function
Precursor of the C5a anaphylatoxin and complement C5b components of the complement pathways, which consist in a cascade of proteins that leads to phagocytosis and breakdown of pathogens and signaling that strengthens the adaptive immune system (PubMed:12878586, PubMed:18204047, PubMed:30643019, PubMed:6554279). Activated downstream of classical, alternative, lectin and GZMK complement pathways (PubMed:12878586, PubMed:18204047, PubMed:30643019, PubMed:6554279).

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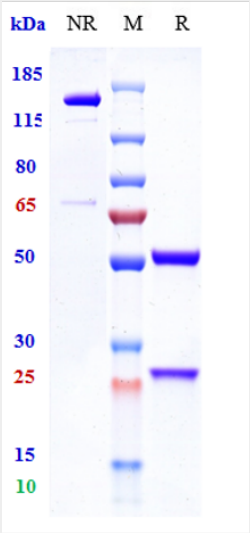
Cellular Location
Secreted. [C5a anaphylatoxin]: Secreted

Anti-Complement C5 Reference Antibody (vilobelimab) - Protocols

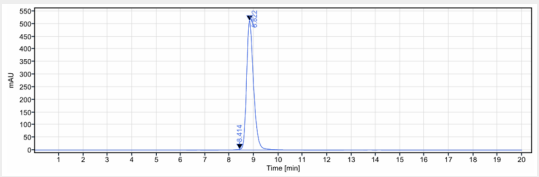
Provided below are standard protocols that you may find useful for product applications.

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

Anti-Complement C5 Reference Antibody (vilobelimab) - Images



Anti-Complement C5 Reference Antibody (vilobelimab) 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 C5 Reference Antibody (vilobelimab)is more than 99.27% ,determined by SEC-HPLC.