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Anti-Complement C5 Reference Antibody (eculizumab)

Recombinant Antibody
Catalog # APR10107

Product Information

Application	FC, Kinetics, Animal Model
Primary Accession	P01031
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	188305

Additional Information

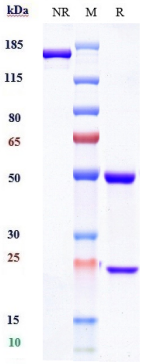
Target/Specificity	Complement C5
Endotoxin	
Conjugation	Unconjugated
Expression system	CHO Cell
Format	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.

Protein Information

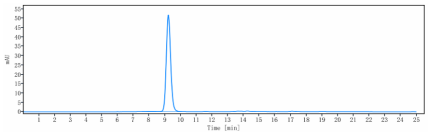
Name	C5 {ECO:0000303|PubMed:1984448, ECO:0000312|HGNC:HGNC:1331}
Function	Precursor of the C5a anaphylatoxin and complement C5b components of the complement pathways, which consist in a cascade of proteins that leads to phagocytosis and breakdown of pathogens and signaling that strengthens the adaptive 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:39914456, PubMed:39814882, PubMed:6554279).
Cellular Location	Secreted. [C5a anaphylatoxin]: Secreted

Images

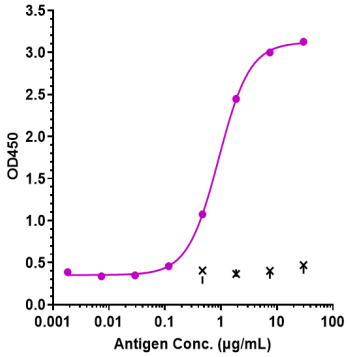
Anti-Complement C5 Reference Antibody (eculizumab) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is



greater than 95%



The purity of Anti-Complement C5 Reference Antibody (eculizumab)is more than 98.7% ,determined by SEC-HPLC.



Immobilized human CO5 His at 2 μg/mL can bind Anti-Complement C5 Reference Antibody (eculizumab),EC50=0.9163 μg/mL