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Anti-Complement C2 Reference Antibody (ARGX-117)

Recombinant Antibody
Catalog # APR10145

Product Information

Application	FC, Kinetics, Animal Model
Primary Accession	P06681
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	83268

Additional Information

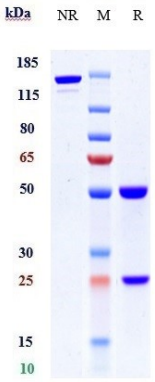
Target/Specificity	Complement C2
Endotoxin Conjugation	Unconjugated
Expression system	CHO Cell
Format	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.

Protein Information

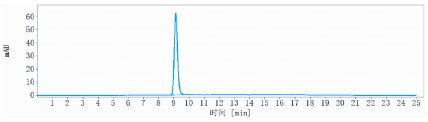
Name	C2 {ECO:0000303|PubMed:2949737, ECO:0000312|HGNC:HGNC:1248}
Function	Precursor of the catalytic component of the C3 and C5 convertase complexes, which are part of the complement pathway, a cascade of proteins that leads to phagocytosis and breakdown of pathogens and signaling that strengthens the adaptive immune system (PubMed:12878586, PubMed:17027507, PubMed:18204047, PubMed:39914456). Component C2 is part of the classical, lectin and GZMK complement systems (PubMed:12878586, PubMed:17027507, PubMed:18204047, PubMed:39914456).
Cellular Location	Secreted. Cell surface. Note=Recruited to the surface of pathogens by complement C3b and complement C4b opsonins

Images

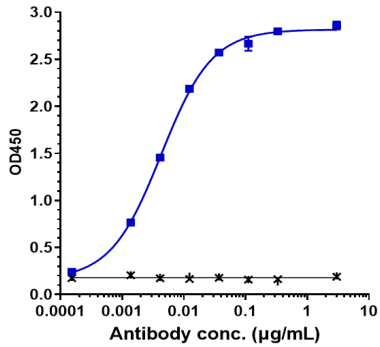
Anti-Complement C2 Reference Antibody (ARGX-117) on SDS-PAGE under reducing (R) condition. The gel was



stained with Coomassie Blue. The purity of the protein is greater than 95%



The purity of Anti-Complement C2 Reference Antibody (ARGX-117)is more than 100% ,determined by SEC-HPLC.



Immobilized human Complement C2 Protein at 2 µg/mL can bind Anti-Complement C2 Reference Antibody (ARGX-117),EC50=0.004283 µg/mL