10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-Complement C2 Reference Antibody (ARGX-117)

Recombinant Antibody
Catalog # APR10145

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	P06681
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	83268

Additional Information

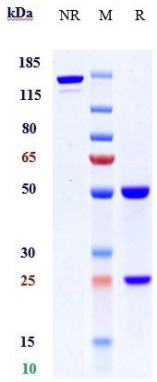
Target/Specificity	Complement C2
Endotoxin Conjugation	Unconjugated
Expression system	CHO
Format	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.

Protein Information

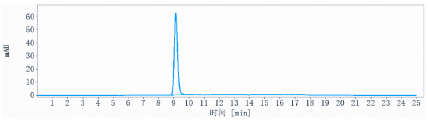
Name	C2 {ECO:0000303|PubMed:2949737, ECO:0000312|HGNC:HGNC:1248}
Function	Precursor of the catalytic component of the C3 and C5 convertase complexes, which are part of the complement pathway, a cascade of proteins that leads to phagocytosis and breakdown of pathogens and signaling that strengthens the adaptive immune system (PubMed:12878586, PubMed:17027507, PubMed:18204047, PubMed:39914456, PubMed:39814882). Component C2 is part of the classical, lectin and GZMK complement systems (PubMed:12878586, PubMed:17027507, PubMed:18204047, PubMed:22691502, PubMed:39914456).
Cellular Location	Secreted. Cell surface. Note=Recruited to the surface of pathogens by complement C3b and complement C4b opsonins

Images

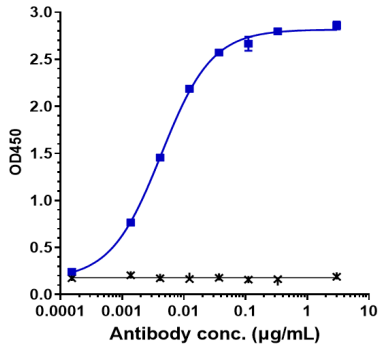
Anti-Complement C2 Reference Antibody (ARGX-117) on SDS-PAGE under reducing (R) condition. The purity of the



protein is greater than 95%.



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



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.