

**Anti-Complement C2 Reference Antibody (ARGX-117)**  
**Recombinant Antibody**  
**Catalog # APR10145****Specification**

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**Anti-Complement C2 Reference Antibody (ARGX-117) - Product Information**

Application	FC, Kinetics, Animal Model
Primary Accession	<a href="#">P06681</a>
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	146.12 KDa

**Anti-Complement C2 Reference Antibody (ARGX-117) - Additional Information****Target/Specificity**

Complement C2

**Endotoxin**

&lt; 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 C2 Reference Antibody (ARGX-117) - 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:<a href="http://www.uniprot.org/citations/12878586" target="\_blank">12878586</a>, PubMed:<a href="http://www.uniprot.org/citations/17027507" target="\_blank">17027507</a>, PubMed:<a href="http://www.uniprot.org/citations/18204047" target="\_blank">18204047</a>, PubMed:<a href="http://www.uniprot.org/citations/39914456" target="\_blank">39914456</a>). Component C2 is part of the classical, lectin and GZMK complement systems (PubMed:<a href="http://www.uniprot.org/citations/12878586" target="\_blank">12878586</a>, PubMed:<a href="http://www.uniprot.org/citations/17027507" target="\_blank">17027507</a>, PubMed:<a href="http://www.uniprot.org/citations/18204047" target="\_blank">18204047</a>, PubMed:<a href="http://www.uniprot.org/citations/39914456" target="\_blank">39914456</a>).

### Cellular Location

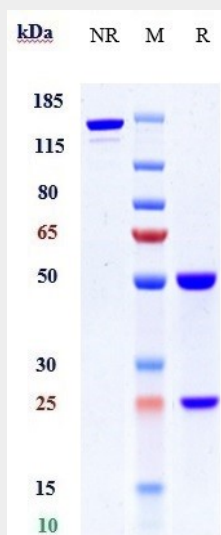
Secreted. Cell surface. Note=Recruited to the surface of pathogens by complement C3b and complement C4b opsonins

### Anti-Complement C2 Reference Antibody (ARGX-117) - Protocols

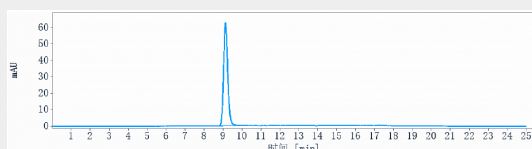
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

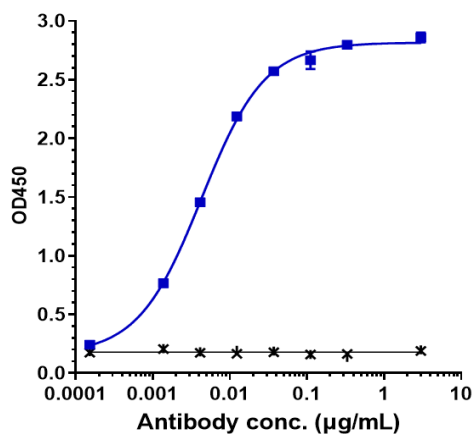
### Anti-Complement C2 Reference Antibody (ARGX-117) - Images



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)  $EC_{50}=0.004283$  µg/mL