

**Complement C9 Antibody**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS13652****Specification**

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**Complement C9 Antibody - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | IF, WB, IHC            |
| Primary Accession | <a href="#">P02748</a> |
| Reactivity        | Human                  |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |
| Calculated MW     | 63kDa KDa              |

**Complement C9 Antibody - Additional Information****Gene ID** 735**Other Names**

Complement component C9, Complement component C9a, Complement component C9b, C9

**Target/Specificity**

Human Complement C9.

**Reconstitution & Storage**

Aliquot and store at -20°C. Minimize freezing and thawing.

**Precautions**

Complement C9 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**Complement C9 Antibody - Protein Information****Name** C9**Function**

Constituent of the membrane attack complex (MAC) that plays a key role in the innate and adaptive immune response by forming pores in the plasma membrane of target cells (PubMed: [9634479](http://www.uniprot.org/citations/9634479), PubMed: [9212048](http://www.uniprot.org/citations/9212048), PubMed: [26841934](http://www.uniprot.org/citations/26841934)). C9 is the pore-forming subunit of the MAC (PubMed: [4055801](http://www.uniprot.org/citations/4055801), PubMed: [26841934](http://www.uniprot.org/citations/26841934), PubMed: [30111885](http://www.uniprot.org/citations/30111885)).

**Cellular Location**

Secreted. Target cell membrane; Multi-pass membrane protein. Note=Secreted as soluble monomer Oligomerizes at target membranes, forming a pre-pore. A conformation change then

leads to the formation of a 100 Angstrom diameter pore

**Tissue Location**

Plasma (at protein level).

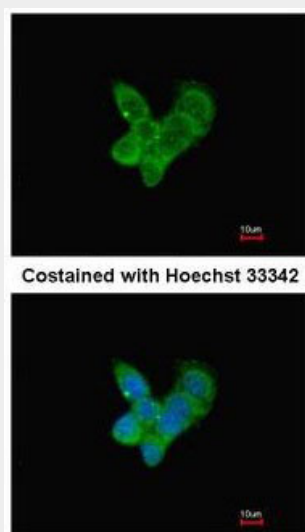
**Volume**

50  $\mu$ l

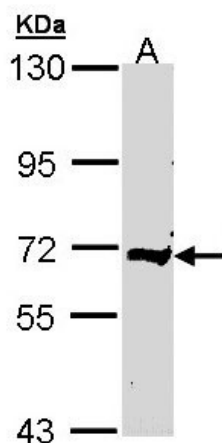
**Complement C9 Antibody - Protocols**

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

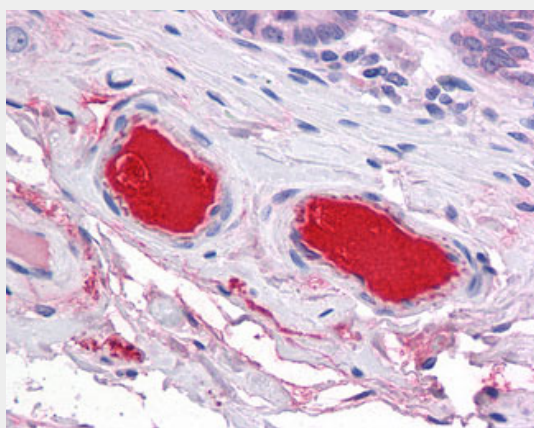
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Complement C9 Antibody - Images**

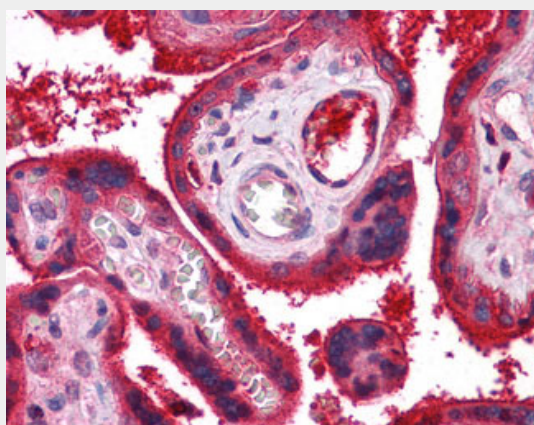
Immunofluorescence of methanol-fixed HepG2, using Complement C9 antibody at 1:200 dilution.



Sample (30 ug of whole cell lysate). A: Raji. 7.5% SDS PAGE. C9 antibody diluted at 1:500.



Anti-C9 antibody IHC of human small intestine, vessels.



Anti-C9 antibody IHC of human placenta.

### Complement C9 Antibody - Background

Constituent of the membrane attack complex (MAC) that plays a key role in the innate and adaptive immune response by forming pores in the plasma membrane of target cells. C9 is the pore-forming subunit of the MAC.

### Complement C9 Antibody - References

Stanley K.K.,et al.EMBO J. 4:375-382(1985).  
Discipio R.G.,et al.Proc. Natl. Acad. Sci. U.S.A. 81:7298-7302(1984).  
Marazziti D.,et al.Biochemistry 27:6529-6534(1988).  
Witzel-Schloemp K.,et al.Immunogenetics 48:144-147(1998).  
DiScipio R.G.,et al.J. Biol. Chem. 260:14802-14809(1985).