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

Complement C9 Antibody (clone 64E9)

Mouse Monoclonal Antibody
Catalog # ALS14444

Specification

Complement C9 Antibody (clone 64E9) - Product Information

Application	**WB**
Primary Accession	P02748
Reactivity	**Human**
Host	**Mouse**
Clonality	**Monoclonal**
Calculated MW	**63kDa KDa**

Complement C9 Antibody (clone 64E9) - Additional Information

Gene ID 735

Other Names
Complement component C9, Complement component C9a, Complement component C9b, C9

Reconstitution & Storage
Long term: -20°C; Short term: -20°C

Precautions
Complement C9 Antibody (clone 64E9) is for research use only and not for use in diagnostic or therapeutic procedures.

Complement C9 Antibody (clone 64E9) - 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:26841934, PubMed:9212048, PubMed:9634479). C9 is the pore-forming subunit of the MAC (PubMed:26841934, PubMed:30111885, PubMed:4055801).

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).

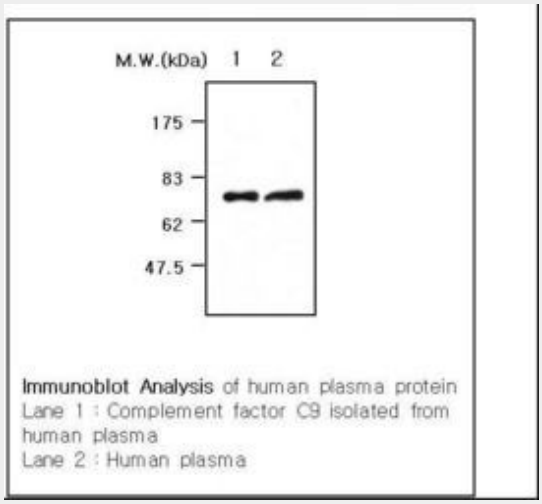
Volume
50 µl

Complement C9 Antibody (clone 64E9) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Complement C9 Antibody (clone 64E9) - Images



Immunoblot Analysis of human plasma protein
Lane 1 : Complement factor C9 isolated from human plasma
Lane 2 : Human plasma

0

Complement C9 Antibody (clone 64E9) - 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 (clone 64E9) - 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).