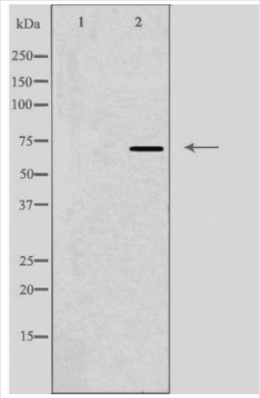
C9 Antibody

PRODUCT OVERVIEW

Product Name	C9, Antibody
Full Product Name	C9 Antibody
Product Gene Name	anti-C9 antibody
Product Synonym Names	Complement component C9; Comple Complement component C9bment component C9a
Species Reactivity	Human
Form/Format	In phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purity/Purification	Immunogen affinity purified
Specificity	C9 Antibody detects endogenous levels of total C9
Preparation and Storage	Store at-20 degree C. Stable for 12 months from date of receipt.
Molecular Weight	70 KD
OMIM	120940
3D Structure	ModBase 3D Structure for P02748
Immunogen	A synthesized peptide
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-C9 antibody	Western Blot (WB)
Application Notes for anti-C9 antibody	WB: 1:500-1:1000
Related Product Information for anti-C9 antibody	MBS8514671 is an antibody targeting C9. Also known as C9 Antibody. Reactive in Human.
Other Notes	Small volumes of anti-C9 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-C9 antibody
Western blot analysis of extracts from COLO cells, using C9 antibody.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for C9. It may not necessarily be applicable to this product.

NCBI GI #	4502511
NCBI GeneID	735
NCBI Accession #	NP_001728.1
UniProt Primary Accession #	P02748
UniProt Related Accession #	P02748
GenBank Nucleotide #	NM_001737.4
NCBI Official Full Name	complement component C9 preproprotein
NCBI Official Synonym Full Names	complement C9
NCBI Official Symbol	C9
NCBI Official Synonym Symbols	C9D; ARMD15
UniProt Protein Name	Complement component C9
Protein Family	Complement component
UniProt Gene Name	C9
NCBI Protein Information	complement component C9
NCBI Summary for C9	This gene encodes the final component of the complement system. It participates in the formation of the Membrane Attack Complex (MAC). The MAC assembles on bacterial membranes to form a pore, permitting disruption of bacterial membrane organization. Mutations in this gene cause component C9 deficiency. [provided by RefSeq, Feb 2009]
UniProt Comments for C9	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, PubMed:9212048, PubMed:26841934). C9 is the pore-forming subunit of the MAC (PubMed:4055801, PubMed:26841934).
Research Articles on C9	**1.** Serum-expressed apolipoprotein B-100 protein, C9 Complement, and gelsolin can be used for differential diagnosis of Barrertts esophagus and adenocarcinoma of esophagus.
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