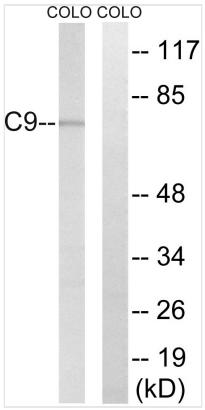
C9 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	C9, Polyclonal Antibody
Full Product Name	C9 Antibody
Product Gene Name	anti-C9 antibody
Product Synonym Gene Name	CO9
Product Synonym Names	Complement component C9; Complement component C9a; Complement component C9b
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using immunogen.
Concentration	1 mg/ml (lot specific)
Specificity	C9 Antibody detects endogenous levels of total C9 protein.
Preparation and Storage	Stable at -20 degree C for at least 1 year.
Molecular Weight	63 kDa
OMIM	X02176 mRNA
3D Structure	ModBase 3D Structure for P02748
Target Modification	Unmodified/Total
Immunogen	The antiserum was produced against synthesized peptide derived from human C9.
Immunogen Range	181-230
Applications Tested/Suitable for anti-C9 antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-C9 antibody	WB: 1:500~1:1000 ELISA: 1:40000
Related Product Information for anti-C9 antibody	MBS9506235 is an antibody targeting C9. Also known as C9 Antibody. Reactive in Human. Host: Rabbit.
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 lysates from COLO cells, using C9 Antibody. The lane on the right is blocked with the synthesized peptide.

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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