OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850
UNITED STATES
Phone: +1-888-267-4436
Fax: +1-301-340-8606
techsupport@origene.com

OriGene Technologies GmbH
Schillerstr. 5
32052 Herford
GERMANY
Phone: +49-5221-34606-0
Fax: +49-5221-34606-11
info-de@origene.com

AM01347PU-N Monoclonal Antibody to Complement C9 - Purified

Alternate names:	Complement 9, Complement component C9
Quantity:	0.1 mg
Concentration:	1.0mg/ml
Background:	C9 is the last component to be added during the formation of the membrane attack complex (MAC), binding the membrane associated C5b-8 complex and resulting in the circular polymerisation of 12-18 C9 molecules. This forms the hydrophilic transmembrane channel which causes cell lysis. Deficiency of C9 is associated with recurring infections by Neisseria meningitides.
Uniprot ID:	P02748
NCBI:	9606
GeneID:	735
Host / Isotype:	Mouse / IgG2b
Recommended Isotype Controls:	SM12P, AM03110PU-N
Clone:	002-94.8.8
Immunogen:	Purified human C9.
Format:	**State:** Liquid purified Ig **Purification:** Affinity chromatography on Protein A **Buffer System:** Borate buffered saline pH 8.2 - 8.4 containing 0.02% Sodium Azide
Applications:	ELISA. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognises complement component 9 (C9), a 71kDa member of the complement C6/C7/C8/C9 family present in the blood serum and synthesised by the liver and monocytes. **Species:** Human. Other species not tested.
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	1. Huang, Y. et al. (2006) Defining the CD59-C9 binding interaction. J. Biol. Chem. 281:27398-27404.