

## Product datasheet for **AM01347PU-N**

### Complement C9 (C9) Mouse Monoclonal Antibody [Clone ID: 002-94.8.8]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	002-94.8.8
Applications:	ELISA
Recommended Dilution:	ELISA.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Purified human C9.
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.
Formulation:	Borate buffered saline pH 8.2 - 8.4 containing 0.02% Sodium Azide State: Purified State: Liquid purified Ig
Concentration:	lot specific
Purification:	Affinity chromatography on Protein A
Conjugation:	Unconjugated
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.
Stability:	Shelf life: one year from despatch.
Gene Name:	complement component 9
Database Link:	<a href="#">Entrez Gene 735 Human P02748</a>



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**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 meningitidis*.

**Synonyms:** Complement component C9, Complement 9