

AM31909SU-N**Monoclonal Antibody to Complement C9 - Liquid**

Alternate names:	Complement 9, Complement component C9
Quantity:	50 µl
Concentration:	2 mg/ml
Background:	C9 is synthesised in the liver and monocytes, and is a plasma protein consisting of a single polypeptide chain of molecular weight 71kDa. Normal plasma concentration is 60mg/L. C9 forms part of the membrane attack complex (MAC) the cytolytic terminal complex of the complement pathways. C9 binds to the membrane associated C5b-8, binding of C9 to C5b-8 leads to the circular polymerisation of 12-18 C9 molecules. This is the basis of the hydrophilic, proteinwalled, trans-membrane channel formed by the MAC, which leads to cell lysis and destruction.
Uniprot ID:	P02748
NCBI:	NP_001728
GeneID:	735
Host / Isotype:	Mouse / IgG1
Clone:	64E9
Immunogen:	Protein purified from Human plasma.
Format:	State: Liquid Purification: Ammonium Sulfate Precipitation Buffer System: HEPES with 0.15M NaCl, 0.01% BSA, 0.03% Sodium Azide and 50% Glycerol
Applications:	Immunohistochemistry on Paraffin Sections: 1/200. Western Blot: 1/2000. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Recognizes Human Complement C9.
Storage:	Store the antibody undiluted (in aliquots) at -20°C. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

Pictures:

Human Kidney: Formalin-Fixed, Paraffin-Embedded (FFPE)

