

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### C9 (H216) Peptide

Cat No.: BS3841P

#### 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, protein-walled, trans-membrane channel formed by the MAC, which leads to cell lysis and destruction.

#### Swiss-Prot

P02748

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS3841 C9 (H216) pAb.

#### Purification & Purity

Synthetic peptide C9 (H216). (Note: the amino acid sequence is proprietary). The purity is > 98%.

#### Product

1 mg/ml in DI water.

#### Storage & Stability

Store at 4 °C short term. Aliquot and store at -20 °C long term.

Avoid freeze-thaw cycles.

#### Research Use

For research use only, not for use in diagnostic procedure.