



## Complement component C9b Polyclonal Antibody

Catalog: BS65785      Host: Rabbit      Reactivity: Hu-  
man, Mouse, Rat, Dog, Pig, Cow, Sheep,

### BackGround:

C9 is a plasma protein synthesized in the liver and monocytes consisting of a single polypeptide chain. C9 is a part of the membrane attack complex (MAC), an important component of the immune system. The MAC forms upon complement system activation by invading pathogenic bacteria and consists of the four major complement proteins: C5b, C6, C7 and C8. These complement proteins bind to the outer surface of the plasma membrane of the invading cell. C9 binds to the membrane associated C5b-8 protein, which leads to the circular polymerization of 12-18 C9 molecules. These polymerized C9 molecules form a ring structure in the membrane. Molecules can then diffuse freely through this transmembrane channel, causing cell lysis and destruction of the invading bacterial cell.

### Product:

0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

### Molecular Weight:

32/61kDa

### Swiss-Prot:

P02748

### Purification&Purity:

affinity purified by Protein A

### Applications:

WB=1:500-2000

### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

Complement component C9b Polyclonal Antibody detects endogenous levels of Complement component C9b protein.

### DATA:

### Note:

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

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