

Keywords and Phrases for The Complement Pathways.

Activated MASP2 then cleaves C4 into C4a and C4b.

attracts phagocytes to the infection site

The C1q of the C1 complex binds to either the Fc portion of IgG or IgM, the microbe, or the CRP.

C3b (or C3i) binds to the surface of microbes

C5b binds to the target cell and subsequently binds C6, C7, C8, and a number of monomers of C9 to form C5b6789n, the Membrane Attack Complex (MAC)

delivers WBCs and defense chemical to infection site

enhanced attachment of antigen to phagocytes

Fab of IgG or IgM binds to epitopes of an antigen

factor B combines with the cell-bound C3b to form C3bB

factor D splits factor B into Bb and Ba, forming C3bBb

lysis of membrane-bound cells

Mannan-binding lectin (MBL) of the MBL/MASP1/MASP2 complex binds to the mannose groups of microbial carbohydrates.

properdin then binds to the Bb to form C3bBbP that functions as a C3 convertase