

# Anti-C5, Humanized Antibody

rev 11/21

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**CATALOG NO.:** A2138-100 (100 µg)

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**BACKGROUND DESCRIPTION:** The research-grade biosimilar is a recombinant humanized IgG2/4 kappa monoclonal antibody that inhibits the cleavage of C5 into C5a and C5b by C5 convertases. Inhibition of C5 cleavage prevents the generation of the terminal complement complex C5b-9. Both C5a and C5b-9 have proinflammatory and prothrombic properties and play a significant role in complement-mediated diseases such as paroxysmal nocturnal hemoglobinuria (PNH) and atypical hemolytic uremic syndrome (aHUS).

**ALTERNATE NAMES:** C5D, C5a, C5b, ECLZB, CPAMD4, C5, Complement C5

**ANTIBODY TYPE:** Monoclonal

**HOST/ISOTYPE:** Recombinant / IgG2/4, kappa

**SOURCE:** CHO cells

**IMMUNOGEN:** Human complement C5

**PURIFICATION:** Protein A purified

**FORM:** Liquid

**FORMULATION:** In PBS, pH 7.5

**SPECIES REACTIVITY:** Human

**STORAGE CONDITIONS:** Store at 80 °C. Avoid freeze/thaw cycles

**This information is only intended as a guide. The optimal dilutions must be determined by the user**

**RELATED PRODUCTS:**

Anti-CTLA-4, humanized Antibody (A2110)  
Anti-TNF- $\alpha$ , humanized Antibody (A1048)  
Anti-RSV, Human IgG1 Antibody (A1446)  
Anti-EGFR, Humanized Antibody (A1050)  
Anti-Flavivirus group antigen, Human IgG1 Antibody (A1102)

***FOR RESEARCH USE ONLY! Not to be used on humans.***