

# Anti-PCSK9, Human IgG2 Antibody (Ev2)

rev 11/21

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**CATALOG NO.:** A2168-100 (100 µg)

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**BACKGROUND DESCRIPTION:** The research-grade biosimilar is a human IgG2 monoclonal antibody that is directed against proprotein convertase subtilisin/kexin type 9 (PCSK9). PCSK9 is a serine protease that binds to LDL receptors on the hepatocyte cell surface and promotes the lysosome-mediated degradation of these receptors. This results in decreased uptake and clearance of LDL-C (bad cholesterol) by the receptors. PCSK9 is secreted by the liver and plays a role in cholesterol and fatty acid metabolism.

**ALTERNATE NAMES:** FH3, PC9, FHCL3, NARC1, LDLCQ1, NARC-1, HCHOLA3

**ANTIBODY TYPE:** Monoclonal

**HOST/ISOTYPE:** Recombinant / IgG2, lambda

**SOURCE:** CHO cells

**IMMUNOGEN:** Human PCSK9

**PURIFICATION:** Protein A purified

**FORM:** Liquid

**FORMULATION:** In PBS, pH 7.5

**SPECIES REACTIVITY:** Human

**STORAGE CONDITIONS:** Store at -80 °C

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

**RELATED PRODUCTS:**

Anti-IL-1 $\beta$ , Human IgG1 Antibody (A2144)  
Anti-PCSK9, Human IgG1 Antibody (A2153)  
Anti-TNF- $\alpha$ , Human IgG1 Antibody (A2141)  
Anti-IL-12 $\beta$ , Human IgG1 Antibody (A2137)  
Anti-TNFSF11, Human IgG2 Antibody (A2150)

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