

PCSK9 (DMC222) IGG1 CHIMERIC MAB**Cat.#:** 28171**Product Name:** Anti-PCSK9(DMC222) IgG1 Chimeric Monoclonal Antibody**Synonyms:** FH3; FHCL3; HCHOLA3; LDLCQ1; NARC-1; NARC1; PC9**Description:** Anti-PCSK9 antibody(DMC222) IgG1 Chimeric Monoclonal Antibody

Background: This gene encodes a member of the subtilisin-like proprotein convertase family; which includes proteases that process protein and peptide precursors trafficking through regulated or constitutive branches of the secretory pathway. The encoded protein undergoes an autocatalytic processing event with its prosegment in the ER and is constitutively secreted as an inactive protease into the extracellular matrix and trans-Golgi network. It is expressed in liver; intestine and kidney tissues and escorts specific receptors for lysosomal degradation. It plays a role in cholesterol and fatty acid metabolism. Mutations in this gene have been associated with autosomal dominant familial hypercholesterolemia. Alternative splicing results in multiple transcript variants.

Applications: ELISA; Flow Cyt**Recommended Dilutions:** ELISA 1:5000-10000; Flow Cyt 1:100**Host Species:** Rabbit**Isotype:** Rabbit:Human Fc chimeric IgG1**Purification:** Purified from cell culture supernatant by affinity chromatography**Species Reactivity:** Human PCSK9**Constituents:** Lyophilized from sterile PBS, pH 7.4. 5 % – 8% trehalose is added as protectants before lyophilization.**Storage & Shipping:** Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).

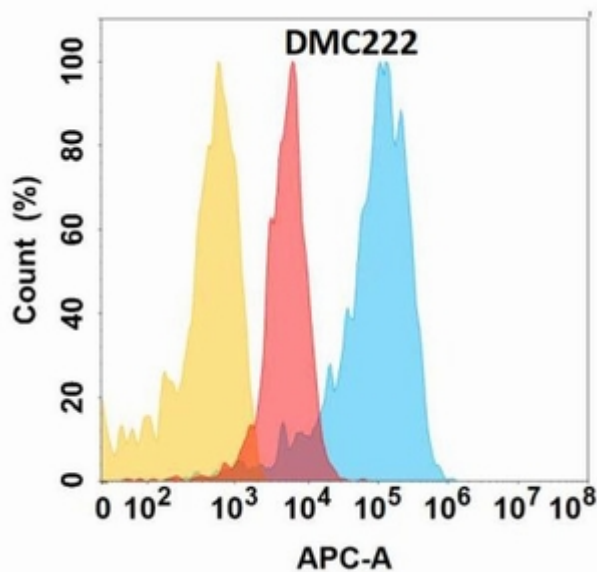


Figure 1. Flow cytometry analysis with Anti-PCSK9 (DMC222) on Expi293 cells transfected with human PCSK9 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram), and Isotype antibody on Expi293 transfected with irrelevant protein (Orange histogram).