

CD36 (DMC273) IGG1 CHIMERIC MAB**Cat.#:** 28181**Product Name:** Anti-CD36(DMC273) IgG1 Chimeric Monoclonal Antibody**Synonyms:** BDPLT10; CHDS7; FAT; GP3B; GP4; GPIV; PASIV; SCARB3**Description:** Anti-CD36 antibody(DMC273) IgG1 Chimeric Monoclonal Antibody

Background: The protein encoded by this gene is the fourth major glycoprotein of the platelet surface and serves as a receptor for thrombospondin in platelets and various cell lines. Since thrombospondins are widely distributed proteins involved in a variety of adhesive processes; this protein may have important functions as a cell adhesion molecule. It binds to collagen; thrombospondin; anionic phospholipids and oxidized LDL. It directly mediates cytoadherence of Plasmodium falciparum parasitized erythrocytes and it binds long chain fatty acids and may function in the transport and/or as a regulator of fatty acid transport. Mutations in this gene cause platelet glycoprotein deficiency. Multiple alternatively spliced transcript variants have been found for this gene.

Applications: Flow Cyt**Recommended Dilutions:** 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 CD36**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).

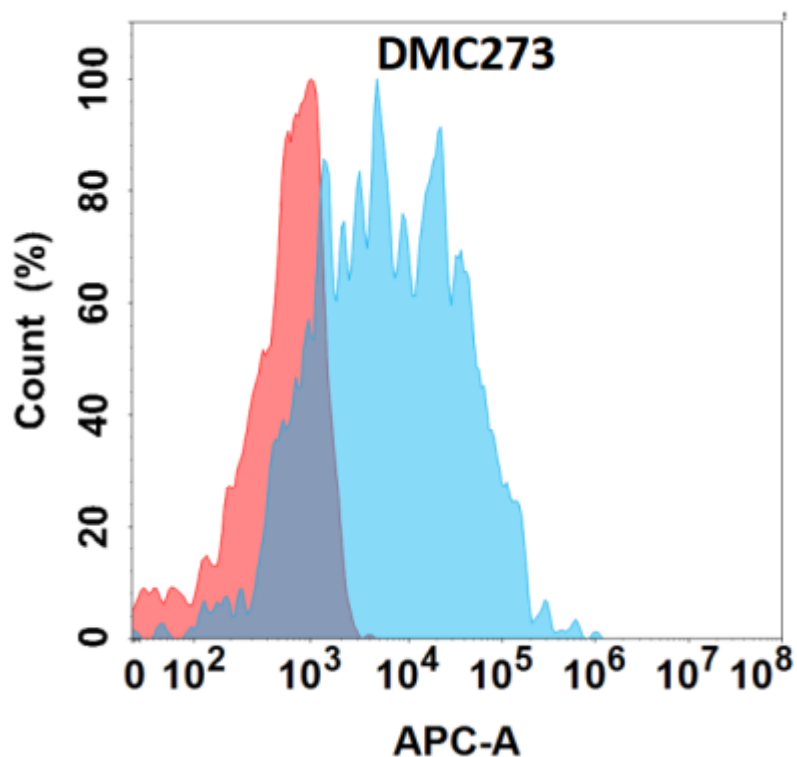


Figure 1. Flow cytometry analysis with Anti-CD36 (DMC273) on Expi293 cells transfected with human CD36 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).