

PRODUCT INFORMATION

Clone ID	DMC273
Target	CD36
Synonyms	BDPLT10; CHDS7; FAT; GP3B; GP4; GPIV; PASIV; SCARB3
Host Species	Rabbit
Description	Anti-CD36 antibody(DMC273); IgG1 Chimeric mAb
Delivery	In Stock
Uniprot ID	P16671
IgG type	Rabbit/Human Fc chimeric IgG1
Clonality	Monoclonal
Reactivity	Human
Applications	Flow Cyt
Recommended Dilutions	Flow Cyt 1:100
Purification	Purified from cell culture supernatant by affinity chromatography
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
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). Lyophilized proteins are shipped at ambient temperature.
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.
Usage	Research use only



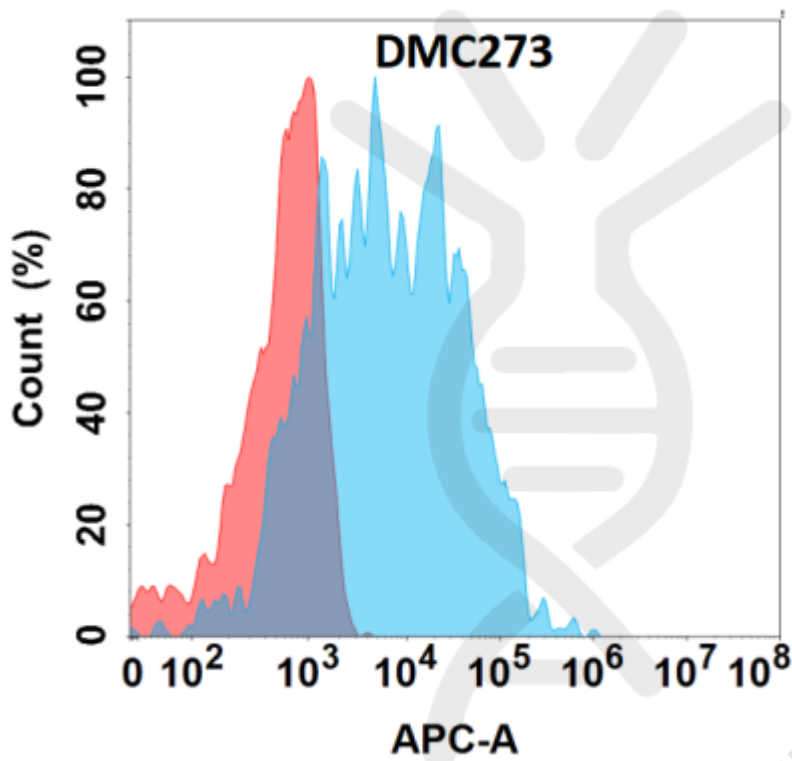


Figure 1. Flow cytometry analysis with Anti-CD36 (DMC273) on Expi293 cells transfected with human CD36 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

