

12-9421: Anti-GP6 antibody(DMC427); IgG1 Chimeric mAb

Clonality :	Monoclonal
Clone Name :	DMC427
Application :	FACS
Reactivity :	Human
Uniprot ID :	Q9HCN6
Alternative Name :	BDPLT11; GPIV; GPVI
Isotype :	Rabbit/Human Fc chimeric IgG1

Description

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This gene encodes a platelet membrane glycoprotein of the immunoglobulin superfamily. The encoded protein is a receptor for collagen and plays a critical role in collagen-induced platelet aggregation and thrombus formation. The encoded protein forms a complex with the Fc receptor gamma-chain that initiates the platelet activation signaling cascade upon collagen binding. Mutations in this gene are a cause of platelet-type bleeding disorder-11 (BDPLT11). Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

Product Info

Amount :	10 µg / 100 µg
Purification :	Purified from cell culture supernatant by affinity chromatography
Content :	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 condition :	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.

Application Note

FACS 1:100

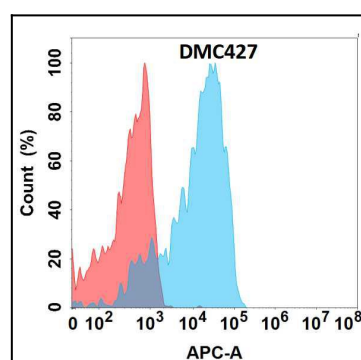


Figure 1. Flow cytometry analysis with Anti-GP6 (DMC427) on Expi293 cells transfected with human GP6 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).