

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

|                           |                     |
|---------------------------|---------------------|
| <b>Clonality :</b>        | Monoclonal          |
| <b>Clone Name :</b>       | DMC427              |
| <b>Application :</b>      | Flow Cyt            |
| <b>Reactivity :</b>       | Human               |
| <b>Gene :</b>             | GP6                 |
| <b>Uniprot ID :</b>       | Q9HCN6              |
| <b>Alternative Name :</b> | BDPLT11; GPIV; GPVI |
| <b>Isotype :</b>          | IgG1                |

**Description**

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**

|                            |  |
|----------------------------|--|
| <b>Amount :</b>            | 10 µg / 100 µg   |
| <b>Purification :</b>      | Purified from cell culture supernatant by affinity chromatography  |
| <b>Content :</b>           | 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.   |
| <b>Storage condition :</b> | 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).<br>Lyophilized proteins are shipped at ambient temperature. |

**Application Note**

Flow Cyt 1:100