

## **PRODUCT INFORMATION**

Clone ID DMC283 **Target SELPLG** 

**Synonyms** PSGL-1;PSGL1;CD162;SELPLG;Selectin P ligand

**Host Species** Rabbit

Anti-CD162 antibody(DMC283); IgG1 Chimeric Description mAb

**Delivery** In Stock **Uniprot ID** Q14242

Rabbit/Human Fc chimeric IgG1 IgG type

Clonality Monoclonal Reactivity Human **Applications** Flow Cyt

Recommended

Storage & Shipping

Background

Flow Cyt 1:100 **Dilutions** 

Purified from cell culture supernatant by affinity **Purification** 

chromatography

Lyophilized from sterile PBS, pH 7.4. Normally 5 % Formulation & - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Reconstitution

for specific instructions of reconstitution. 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

témperature.

This gene encodes a glycoprotein that functions as a high affinity counter-receptor for the cell adhesion molecules P-; E- and L- selectin expressed on myeloid cells and stimulated T lymphocytes. As such; this protein plays a critical role in leukocyte trafficking during inflammation by tethering of leukocytes to activated platelets or endothelia expressing selectins. This protein requires two post-translational modifications; tyrosine sulfation and the addition of the sialyl Lewis x tetrasaccharide (sLex) to its O-linked

glycans; for its high-affinity binding activity. Aberrant expression of this gene and polymorphisms in this gene are associated with defects in the innate and adaptive immune

response. Alternate splicing results in multiple

transcript variants.

Research use only Usage Conjugate Unconjugated

> All DIMA recombinant antibodies are genuinely generated by DIMA Biotech. They are all under

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patent application. Any protein sequencing or reverse engineering attempt is prohibited. We are **DIMA Disclaimer** actively scrutinizing all patent application to

ensure no IP infringement.

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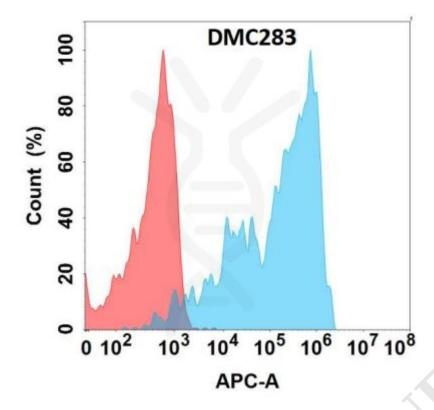
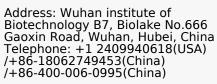


Figure 1. Flow cytometry analysis with Anti-CD162 (DMC283) on HEK293 cells transfected with human CD162 (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).



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