

CD61 antibody (SD35), mAb, Mouse

Cat. No.	Name	Size
V04901	CD61 antibody (SD35), mAb, Mouse	*

Note: * Available in multiple package sizes: 100 µg, 1 mg (or more). GenScript can customize each product per customer's request including product size, buffer components, etc. GenScript can also provide conjugated antibody per customer's request with Biotin, FITC, PE and APC.

Specificity	Human CD61
Alternative Name	ITGB3, BDPLT16, BDPLT2, GP3A, GPIIIa and GT
Isotype	IgG1, κ
Clone	SD35
Application	Flow cytometry
Recommended Usage	It is recommended that the reagent be titrated for optimal performance for each application. Each lot of the antibodies undergoes quality control test by flow cytometric analysis.
Preparation	Protein A/G affinity column
Concentration	Lot-specific. Please check your CoA to find the concentration.
Formulation	1) PBS, pH 7.4, containing 0.03% Proclin 300 2) 50 mM Na-citrate, 150 mM NaCl, pH7.0, containing 0.03% Proclin 300 * *: For new batch since 09/01/2018, please refer to COA.
Storage	The antibody should be stored for up to three months at 2-8°C or for up to three years at -20°C or below. Avoid repeated freezing and thawing cycles.
Background	CD61 is a type I integral transmembrane glycoprotein, which belongs to the integrin family. It binds CD41 to form CD41/CD61 complex. It is expressed on the surfaces of platelets, osteoclasts and endothelia. CD61 is involved

in platelet activation and aggregation.

Fluorescent Dyes	Excitation Source	Excitation Max	Emission Max
FITC	Blue 488 nm	494 nm	520 nm
PE	Blue 488 nm, Green 532 nm, Yellow/Green 561 nm	496 nm	578 nm
APC	Red 633 nm	650 nm	660 nm

Data Demonstration

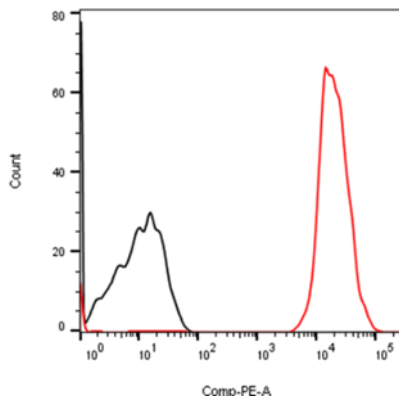


Figure 1. Human platelet were stained with CD61 antibody (SD35), mAb, Mouse (GenScript, V04901; red curve) or with a negative control antibody (black curve), followed by R-PE conjugated anti-mouse IgG in flow cytometric analysis.

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