Product Datasheet

APC Anti-Human CD61 Antibody [VI-PL2]

Catalogue Code: AGEL1827

Antibody Data

Product SKU:	**AGEL1827**	**Clone:**	**VI-PL2**
Applications:	**FCM**		
Reactivity:	**Human**		

Important Note:

Centrifuge before opening to ensure complete recovery of vial contents.

Product Information:

Alternate Names: GP3A;GPIIIa;ITGB3;Integrin beta-3;

Uniprot ID: P05106

Background: CD61, also known as integrin β3 and glycoprotein IIIa (gpIIIa), is a 90 kD type I integral transmembrane glycoprotein. It is a member of the integrin family, associating with platelet gpIIb (CD41) to form CD41/CD61 complex and with integrin αV (CD51) to form αV/β3 (CD51/CD61) integrin. CD41/CD61 is expressed on platelets and megakaryocytes, and plays a role in platelet activation and aggregation through interaction with fibrinogen, fibronectin, vWF, and other RGD-containing adhesion molecules. CD51/CD61 is expressed on platelets, osteoclasts, fibroblasts, macrophages, and some tumor cells involved in tumor metastasis, and in adenovirus infection through binding to RGD motif in extracellular matrix proteins.

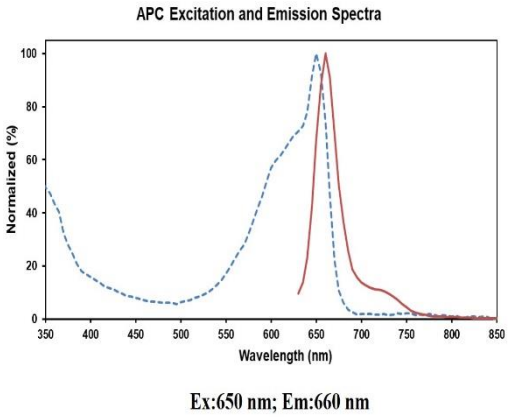
Form: Liquid

Conjugation: APC

Size: 20 Tests, 100 Tests, 200 Tests

Host Species: Mouse

Isotype: Mouse IgG1, κ



Ex:650 nm; Em:660 nm

Isotype Control: APC Mouse IgG1, κ Isotype Control[MOPC-21] [Product AGEL1827]

Storage Buffer: Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.

Shipping: Biological ice pack at 4℃

Stability & Storage:	Keep as concentrated solution. Store at 2~8°C and protected from prolonged exposure to light. Do not freeze. Centrifuge before opening to ensure complete recovery of vial contents. This product is guaranteed up to one year from purchase.
Recommended Usage:	Each lot of this antibody is quality control tested by flow cytometric analysis. The amount of the reagent is suggested to be used 5 µL of antibody per test (million cells in 100 µL staining volume or per 100 µL of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.