

**Antibody Data**

<b>Product SKU:</b>	<b>AGEL3368</b>	<b>Clone:</b>	<b>VI-PL2</b>
<b>Applications:</b>	<b>FCM</b>		
<b>Reactivity:</b>	<b>Human</b>		

**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  $\beta 3$  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  $\alpha V$  (CD51) to form  $\alpha V/\beta 3$  (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.

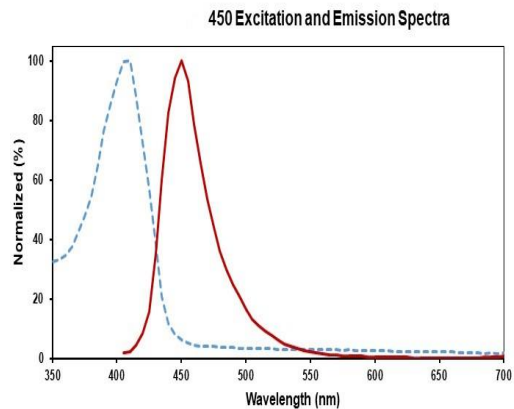
**Form:** Liquid

**Conjugation:** Genie FluorViolet 450

**Size:** 20 Tests, 100 Tests, 200 Tests

**Host Species:** Mouse

**Isotype:** Mouse IgG1,  $\kappa$



**Isotype Control:** Genie Fluor Violet 450 Mouse IgG1,  $\kappa$  Isotype Control[MOPC-21] [Product AGEL3368]

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

**Shipping:** Biological ice pack at 4°C

**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  $\mu$ L of antibody per test (million cells in 100  $\mu$ L staining volume or per 100  $\mu$ L of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.