

**Antibody Data**

<b>Product SKU:</b>	<b>AGEL1134</b>	<b>Clone:</b>	<b>HIP8</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:** Integrin alpha- $\text{IIb}$ ;ITGA2B;GPalpha  $\text{IIb}$ ;GPIIb;Platelet membrane glycoprotein  $\text{IIb}$ ;CD41;GP2B; ITGAB;

**Uniprot ID:** P08514

**Background:** CD41 is a 125/25 kD  $\alpha$  subunit of the  $\text{gPIIb/IIIa}$  (CD41/CD61) complex. CD41 is a heterodimer composed of a heavy chain ( $\text{gPIIb}\alpha$ ) and light chain ( $\text{gPIIb}\beta$ ) linked by a single disulfide bond. It is a member of the integrin family primarily expressed on platelets and megakaryocytes. CD41 has been reported to be involved with platelet aggregation and platelet attachment to the ECM. CD41/CD61 complex acts as the receptor for fibrinogen, fibronectin, Von Willebrand factor and thrombin.

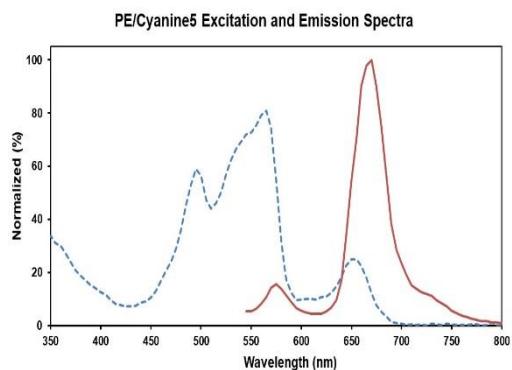
**Form:** Liquid

**Conjugation:** PE/Cyanine 5

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

**Host Species:** Mouse

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



Ex:495;565;655 nm; Em:670 nm

**Isotype Control:** -

**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.

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