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Datasheet for ABIN452597  
**anti-CD41, CD61 antibody**

### Overview

Quantity:	0.5 mg
Target:	CD41, CD61
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD41, CD61 antibody is un-conjugated
Application:	Enzyme Immunoassay (EIA), Western Blotting (WB)

### Product Details

Immunogen:	10e9 Human platelets suspension. The supernatant fluid from positive clones was screened by ELISA coated with washed platelets.
Clone:	237
Isotype:	IgG1
Cross-Reactivity (Details):	Species reactivity (tested): Human.
Characteristics:	Synonyms: Platelet Membrane GPIIb-IIIa Complex, CD41b, CD61, GP3A, GPIIIa, GPIIIb, GTA, HPA3, Integrin alpha 2b, Integrin beta 3
Purification:	Affinity Chromatography on Protein G.

### Target Details

Target:	CD41, CD61
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## Target Details

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Abstract: [CD41, CD61 Products](#)

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Background: The integrins are a family of more than 23 heterodimeric transmembrane proteins that mediate cell-cell adhesions as well as cell-substratum adhesions and signal transduction processes. Integrins are heterodimers consisting of noncovalently associated alpha and beta subunits. CD61 non-covalently associates with CD41 (alpha IIb integrin) and is expressed by megakaryocytes and platelets. The CD61/CD41 complex acts as a receptor for such adhesive ligands as fibronectin, fibrinogen and von Willebrand factor during platelet stimulation. Synonyms: CD41, CD61, GP2B, GP3A, GPIIb, GPIIb-IIIa, GPalpha IIb, ITGA2B, ITGAB, ITGB3, Integrin alpha-IIb, Integrin beta-3, Platelet membrane glycoprotein IIb

## Application Details

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Application Notes: This GPIIb/IIIa antibody is suitable for use in ELISA and Western Blot. Use of this Monoclonal antibody at a concentration of 10-20 µg/mL (culture supernatants) will allow visualization of NP 40 solubilized human normal platelets. The titer of purified ascites was determined by ELISA coated with 100 µL of 1x10<sup>8</sup> washed platelets. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

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Restrictions: For Research Use only

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## Handling

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Reconstitution: Restore with Double distilled water to adjust the final concentration to 1.0 mg/mL.

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Buffer: 0.01 M PBS, pH 7.2 without preservatives.

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Preservative: Without preservative

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Storage: -20 °C

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Storage Comment: Store the antibody at -20 °C. Avoid repeated freezing and thawing.  
Shelf life: one year from despatch.

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Expiry Date: 12 months

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