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Datasheet for ABIN452604
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 washedplatelets.
Clone:	291
Isotype:	IgG2b
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

Abstract:	CD41, CD61 Products
Background:	<p>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</p>

Application Details

Application Notes:	<p>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 1x10⁸ washed platelets.</p> <p>Other applications not tested.</p> <p>Optimal dilutions are dependent on conditions and should be determined by the user.</p>
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Restrictions:	For Research Use only
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Handling

Reconstitution:	Restore with Double distilled water to adjust the final concentration to 1.0 mg/mL.
Buffer:	0.01 M PBS, pH 7.2 without preservatives.
Preservative:	Without preservative
Storage:	-20 °C
Storage Comment:	<p>Store the antibody at -20 °C. Avoid repeated freezing and thawing.</p> <p>Shelf life: one year from despatch.</p>
Expiry Date:	12 months