

Datasheet for ABIN967485
anti-Integrin beta 3 antibody



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1 Image

1 Publication

Overview

Quantity:	0.1 mg
Target:	Integrin beta 3 (ITGB3)
Reactivity:	Human, Cow, Baboon, Cynomolgus, Rhesus Monkey
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Integrin beta 3 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Brand:	BD Pharmingen™
Clone:	VI-PL2
Isotype:	IgG1 kappa
Characteristics:	1. Since applications vary, each investigator should titrate the reagent to obtain optimal results. 2. Please refer to us for technical protocols. 3. Caution: Sodium azide yields highly toxic hydrazoic acid under acidic conditions. Dilute azide compounds in running water before discarding to avoid accumulation of potentially explosive deposits in plumbing.
Purification:	The monoclonal antibody was purified from tissue culture supernatant or ascites by affinity chromatography.

Target Details

Target:	Integrin beta 3 (ITGB3)
Alternative Name:	CD61 (ITGB3 Products)
Background:	Reacts with integrin beta3, a 105 kDa transmembrane glycoprotein, expressed on platelets, megakaryocytes, osteoclasts and endothelia. Integrin beta3 associates with gpIIa (CD41) to form the CD41/CD61 complex which mediates platelet adhesion and aggregation. CD61 also associates with CD51 to form the CD51/CD61 complex (vitronectin receptor). CD61 appears to bind to fibrinogen, fibronectin, vWF, vitronectin, and thrombospondin to mediate cell adhesion. This antibody is routinely tested by flow cytometric analysis. Synonyms: Integrin beta3 Chain
Pathways:	Regulation of G-Protein Coupled Receptor Protein Signaling , Signaling Events mediated by VEGFR1 and VEGFR2 , Smooth Muscle Cell Migration , Integrin Complex

Application Details

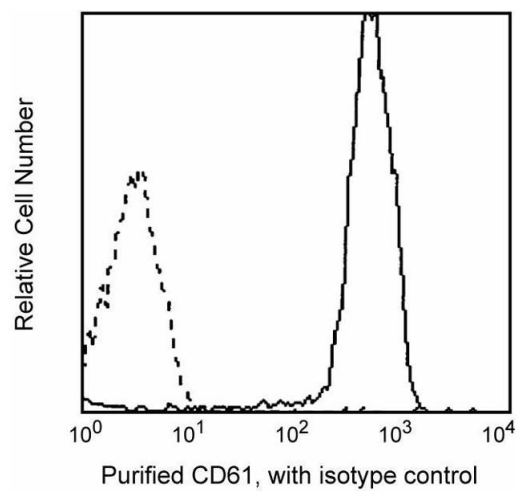
Restrictions:	For Research Use only
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Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Aqueous buffered solution containing ≤ 0.09 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	Store undiluted at 4° C.

Publications

Product cited in:	Mason, André, Bensussan, Buckley, Civin, Clark, de Haas, Goyert, Hadam, Hart, Horejsí, Meuer, Morissey, Schwartz-Albiez, Shaw, Simmons, Uguccioni, van der Schoot, Viver, Zola: "CD antigens 2001." in: Tissue antigens , Vol. 58, Issue 6, pp. 425-30, (2002) (PubMed).
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Flow Cytometry

Image 1. Profile of peripheral blood platelets analyzed by flow cytometry