

Datasheet for ABIN7529083 **anti-Integrin beta 3 antibody**

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Overview

Quantity:	100 µg
Target:	Integrin beta 3 (ITGB3)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Integrin beta 3 antibody is un-conjugated
Application:	Flow Cytometry (FACS)

Product Details

Purpose:	CD61 Unconjugated Antibody
Immunogen:	Recombinant human ITGB3 protein
Clone:	C-61-13
Isotype:	IgG1, kappa
Characteristics:	The clone C-61.13, a mouse monoclonal antibody, specifically binds to the 90-110 kDa integral cell-surface protein known as CD61 or Integrin beta-3 (β3) that in humans is encoded by the ITGB3 gene. CD61 is expressed on the surface of platelets and megakaryocytes. CD61 (platelet glycoproteins IIIa) and CD41 (platelet glycoprotein IIb) form a calcium-dependent heterodimeric complex. This glycoprotein complex (GPIIb-IIIa) binds plasma proteins, such as fibrinogen, fibronectin, von Willebrand factor, and vitronectin, and plays a critical role in platelet aggregation.
Purification:	Purified

Product Details

Purity: >95 %

Grade: GMP Grade

Target Details

Target: Integrin beta 3 (ITGB3)

Alternative Name: CD61 ([ITGB3 Products](#))

Gene ID: 933

NCBI Accession: [NM_001771](#)

UniProt: [P20273](#)

Pathways: [Regulation of G-Protein Coupled Receptor Protein Signaling](#), [Signaling Events mediated by VEGFR1 and VEGFR2](#), [Smooth Muscle Cell Migration](#), [Integrin Complex](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS pH 7.2, 0.1 % (w/v) BSA, 0.09 % (w/v) 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