

Datasheet for ABIN7489343
anti-Integrin beta 3 antibody (PE)



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Overview

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

Product Details

Purpose:	CD61 PE 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 ($\beta 3$) 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, 0.2 % (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
Storage Comment:	2-8°C, Conjugated antibodies should never be frozen.