

Datasheet for ABIN7506141
anti-CD41, CD61 antibody (PerCP)



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Overview

Quantity:	100 tests
Target:	CD41, CD61
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD41, CD61 antibody is conjugated to PerCP
Application:	Flow Cytometry (FACS)

Product Details

Purpose:	Anti-Hu CD41/CD61 (PAC-1 epitope) PerCP
Immunogen:	Human platelets
Clone:	PAC-1
Isotype:	IgM kappa
Specificity:	The mouse monoclonal antibody PAC-1 recognizes an extracellular activation-induced conformational epitope PAC-1 on CD41/CD61 complex (gpIIb/IIIa), also known as integrin alpha IIb beta 3, a receptor which mediates platelet aggregation.
Purification:	Purified antibody is conjugated with activated Peridinin-Chlorophyll Protein (PerCP) under optimum conditions and unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.

Target Details

Target:	CD41, CD61
Alternative Name:	CD41/CD61 (CD41, CD61 Products)
Background:	CD41 (platelet glycoprotein IIb, integrin alpha IIb) is composed of two subunits (120 kDa transmembrane alpha chain and 23 kDa extracellular beta chain) and interacts with CD61 (platelet glycoprotein IIIa, integrin beta 3) in the presence of calcium to form a functional adhesive protein receptor. CD41/CD61 complex is one of the earliest markers of the megakaryocytic lineage. Upon blood vessel damage, this receptor binds to a variety of proteins including von Willebrand factor, fibrinogen, fibronectin and vitronectin, and it is involved in platelet aggregation.,platelet GPIIb, Integrin alpha-IIb, GPIIb, GT, GP3A, platelet GPIIIa

Application Details

Application Notes:	Flow cytometry: The reagent is designed for analysis of human blood cells using 10 µL reagent / 100 µL of whole blood or 10 ⁶ cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests.
Restrictions:	For Research Use only

Handling

Buffer:	Stabilizing Tris buffered saline (TBS), pH 8.0, 15 mM 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 at 2-8°C. Protect from prolonged exposure to light. Do not freeze.