Datasheet for ABIN2657832

anti-Integrin beta 3 antibody (Alexa Fluor 647)

2 Images

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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 Alexa Fluor 647
Application:	Flow Cytometry (FACS)

Product Details

Clone:	VI-PL2
Isotype:	IgG1 kappa
Cross-Reactivity:	Baboon, Rhesus Monkey, Cynomolgus
Purification:	The antibody was purified by affinity chromatography, and conjugated with Alexa Fluor® 647 under optimal conditions.

Target Details

Target:	Integrin beta 3 (ITGB3)
Alternative Name:	CD61 (ITGB3 Products)
Background:	CD61, also known as integrin β3 and glycoprotein IIIa (gpIIIa), is a 90 kD type I integral transmembrane glycoprotein. It is a member of the integrin family, associating with platelet gpIIb (CD41) to form CD41/CD61 complex and with integrin αV (CD51) to form αV/β3 (

Target Details

	CD51/CD61) integrin. CD41/CD61 is expressed on platelets and megakaryocytes, and plays a role in platelet activation and aggregation through interaction with fibrinogen, fibronectin, vWF, and other RGD-containing adhesion molecules. CD51/CD61 is expressed on platelets, osteoclasts, fibroblasts, macrophages, and some tumor cells involved in tumor metastasis, and in adenovirus infection through binding to RGD motif in extracellular matrix proteins.
Pathways:	Regulation of G-Protein Coupled Receptor Protein Signaling, Signaling Events mediated by VEGFR1 and VEGFR2, Smooth Muscle Cell Migration, Integrin Complex

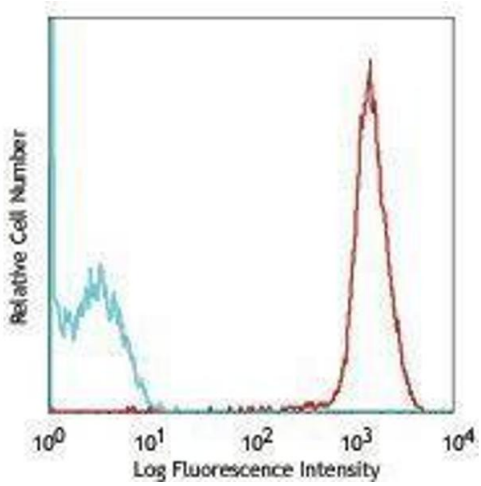
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

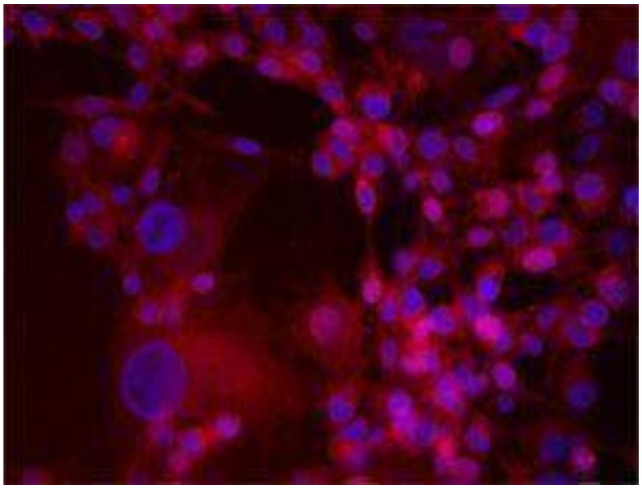
Buffer:	Phosphate-buffered solution, pH 7.2, containing 0.09 % sodium azide and 0.2 % (w/v) BSA .
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Protect from prolonged exposure to light. Do not freeze.
Storage:	4 °C
Storage Comment:	The antibody solution should be stored undiluted between 2°C and 8°C

Images



Flow Cytometry

Image 1.



Immunofluorescence

Image 2.