

Datasheet for ABIN1449278
anti-Integrin beta 3 antibody



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2 Images

Overview

Quantity:	0.1 mg
Target:	Integrin beta 3 (ITGB3)
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This Integrin beta 3 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunoprecipitation (IP)

Product Details

Immunogen:	Mouse platelet
Clone:	1-55-4
Isotype:	IgG2a
Cross-Reactivity (Details):	Species reactivity (tested): Mouse. Not Human (PBCM cells on Flow cytometry).
Purification:	Protein G agarose

Target Details

Target:	Integrin beta 3 (ITGB3)
Alternative Name:	CD61 / ITGB3 (ITGB3 Products)
Background:	Platelet activation results in a conformational change of the membrane spanning platelet integrin GPIIb/IIIa (alphaIIb beta3, CD41/CD61) enabling the binding of the plasma protein fibrinogen.

Target Details

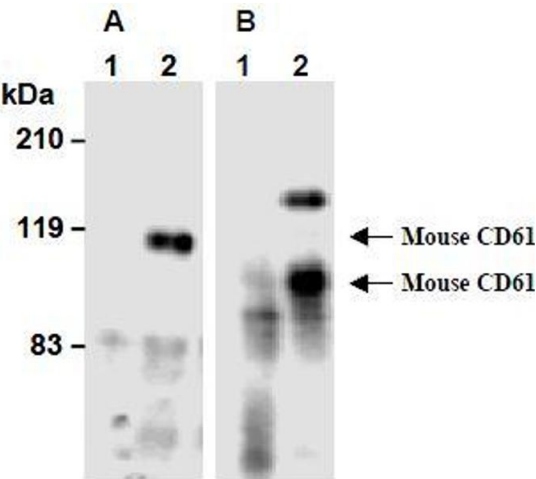
	This binding is primarily reversible, but it enhances platelet activation by outside-in signal causing receptor clustering, platelet secretion, and finally irreversible fibrinogen binding and platelet aggregation.Synonyms: GP3A, GPIIIa, Integrin beta-3, Platelet membrane glycoprotein IIIa
Gene ID:	10090
UniProt:	O54890
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

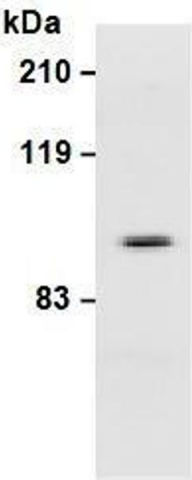
Handling

Concentration:	1.0 mg/mL
Buffer:	PBS containing 50 % glycerol, pH 7.2. No preservative is contained.
Preservative:	Without preservative
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Upon receipt, store (in aliquots) at -20 °C.



Western Blotting

Image 1.



Western Blotting

Image 2.