



Integrin α IIb mouse mAb

Catalog No	BYmab-17121
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB; ELISA
Gene Name	ITGA2B GP2B ITGAB
Protein Name	Integrin α IIb
Immunogen	Synthesized peptide derived from human Integrin α IIb AA range: 1-80
Specificity	This antibody detects endogenous levels of Human Integrin α IIb
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, mouse,IgG
Purification	The antibody was affinity-purified from mouse serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:1000-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	$\geq 90\%$
Storage Stability	-20°C/1 year
Synonyms	Integrin α -IIb (GP α IIb; GPIIb; Platelet membrane glycoprotein IIb; CD antigen CD41) [Cleaved into: Integrin α -IIb heavy chain; Integrin α -IIb light chain, form 1; Integrin α -IIb light chain, form 2]
Observed Band	114kD
Cell Pathway	Membrane; Single-pass type I membrane protein.
Tissue Specificity	Isoform 1 and isoform 2 are expressed in platelets and megakaryocytes, but not in reticulocytes. Not detected in Jurkat, nor in U937 cell lines (PubMed:2351656). PC-3, DU-145, HEL, WM983A, WM983B and WM35. Not detected in platelets,

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**Function**

disease:Defects in ITGA2B are a cause of Glanzmann thrombasthenia (GT)

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