

Product Name: Integrin beta 3 (3C12) Mouse Monoclonal Antibody**Catalog #: AMM03440**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000
Molecular Weight	Calculated MW: 87 kDa; Observed MW: 110 kDa

Antigen Information

Gene Name	ITGB3
Alternative Names	ITGB3; GP3A; Integrin beta-3; Platelet membrane glycoprotein IIIa; GPIIIa; CD antigen CD61
Gene ID	3690
SwissProt ID	P05106
Immunogen	Recombinant protein of human Integrin beta 3

Background

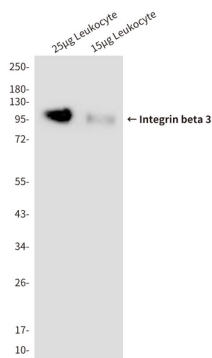
Integrin alpha-IIb/beta-3 recognizes the sequence H-H-L-G-G-G-A-K-Q-A-G-D-V in fibrinogen gamma chain. Following activation integrin alpha-IIb/beta-3 brings about platelet/platelet interaction through binding of soluble fibrinogen. This step

leads to rapid platelet aggregation which physically plugs ruptured endothelial surface. Fibrinogen binding enhances SELP expression in activated platelets (By similarity).

Research Area

Tags & Cell Markers

Image Data



Western blot analysis of Integrin beta 3(Nterminus) in 15ug and 25ug Leukocyte whole lysates using Integrin beta 3(Nterminus) antibody.