Anti-CD41/Integrin Alpha 2B/ITGA2B Antibody

Catalog Number: BM5058



BOSTER BIOLOGICAL TECHNOLOGY

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Basic Information	
Product Name	Anti-CD41/Integrin Alpha 2B/ITGA2B Antibody
Gene Name	ITGA2B
Source	Rabbit
Isotype	IgG
Species Reactivity	human
Tested Application	WB, IHC
Contents	500 ug/ml;Rabbit lgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Immunogen	A synthesized peptide derived from human CD41
concentration	500 ug/ml
Purification	Affinity-chromatography
Observed MW	130KD
Dilution Ratios	Western blot (WB): 1:400-800 Immunohistochemistry in paraffin section (IHC):1:20-100

Storage

12 months from date of receipt, -20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.

Background Information

Integrin alpha-IIb is a protein that in humans is encoded by the ITGA2B gene. It is mapped to 17q21.32. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. Alpha chain 2b undergoes post-translational cleavage to yield disulfide-linked light and heavy chains that join with beta 3 to form a fibrinogen receptor expressed in platelets that plays a crucial role in coagulation. Mutations that interfere with this role result in thrombasthenia. In addition to adhesion, integrins are known to participate in cell-surface mediated signalling.

Selected Validation Data

Anti-CD41/Integrin Alpha 2B/ITGA2B Antibody

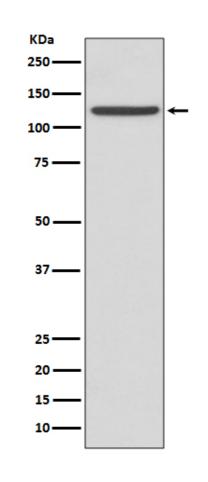
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Western blot analysis of CD41 expression in human fetal liver lysate.