

Basic Information

Product Name	Anti-CD41/Integrin Alpha 2B/ITGA2B Antibody (Clone#AAGH-9)		
Gene Name	ITGA2B		
Source	Rabbit		
Clonality	Monoclonal		
Isotype	IgG		
Species Reactivity	human		
Tested Application	WB, IHC		
Contents	500 ug/ml; Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide, 0.4-0.5 mg/ml BSA and 50% glycerol.		
Immunogen	A synthesized peptide derived from human CD41		
Concentration	500 ug/ml		
Purification	Affinity-chromatography		
Observed MW	120-135 kDa		
Dilution Ratios	Western blot (WB): 1:500-2000 Immunohistochemistry (IHC):1:50-200		

Storage

12 months from date of receipt, -20°C as supplied.

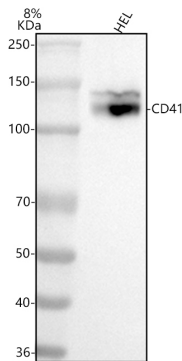
Background Information

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.

Reference

Anti-CD41/Integrin Alpha 2B/ITGA2B Antibody (Clone#AAGH-9)被引用在1文献中。

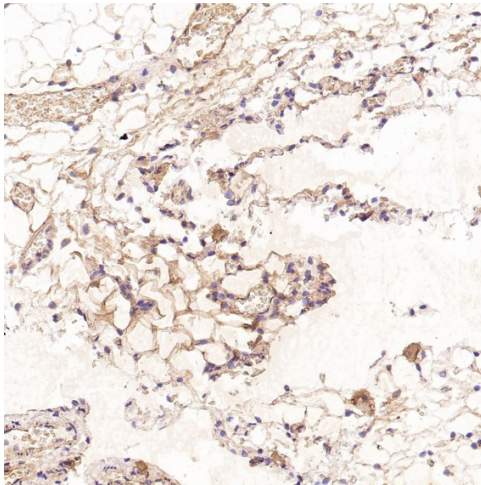
Selected Validation Data



Western blot analysis of anti-CD41/Integrin Alpha 2B/ITGA2B antibody (BM5058). The sample well of each lane was loaded with 30 ug of sample under reducing conditions.

Lane 1: human HEL whole cell lysates.

After electrophoresis, proteins were transferred to a membrane. Then the membrane was incubated with rabbit anti-CD41/Integrin Alpha 2B/ITGA2B antigen affinity purified monoclonal antibody (BM5058) at a dilution of 1:1000 and probed with a goat anti-rabbit IgG-HRP secondary antibody (Catalog # BA1054). The signal is developed using ECL Plus Western Blotting Substrate (Catalog # AR1197). A specific band was detected for CD41/Integrin Alpha 2B/ITGA2B at approximately 120-135 kDa. The expected band size for CD41/Integrin Alpha 2B/ITGA2B is at 113 kDa.



Immunohistochemical analysis of paraffin-embedded Rat pancreas, using the Antibody.