

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, FCM(Intracellular), Direct ELISA	
Contents	500 ug/ml antibody with PBS, 0.02% NaN ₃ , 1 mg BSA and 50% glycerol.	
Immunogen	E.coli-derived human CD41/Integrin Alpha 2B/ITGA2B recombinant protein (Position: A675-R714).	
concentration	500 ug/ml	
Purification	Immunogen affinity purified.	
Dilution Ratios	Western blot (WB): 1:500-2000 Immunohistochemistry in paraffin section (IHC): 1:50-400 Flow Cytometry(Intracellular): 1-3 µg/1x10 ⁶ cells Direct ELISA: 1:100-1000 (Boiling the paraffin sections in 10mM citrate buffer,pH6.0,or PH8.0 EDTA repair liquid for 20 mins is required for the staining of formalin/paraffin sections.) Optimal working dilutions must be determined by end user.	

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

Product datasheet

Anti-CD41/Integrin Alpha 2B/ITGA2B

Antibody

Catalog Number: A01102-1

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BOSTER BIOLOGICAL TECHNOLOGY

Special NO.1, International Enterprise Center,
2nd Guanshan Road, Wuhan, China

Web: www.boster.com.cn **Phone:** +86 027-67845390 **Fax:** +86 027-67845390 **Email:** boster@boster.com.cn

