

bsm-52912R**[Primary Antibody]****CD41/ITGA2B Recombinant Rabbit mAb****Bioss**
ANTIBODIES

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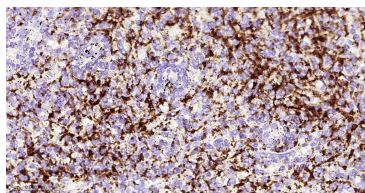
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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Human Predicted MW.: 113 kDa Subcellular Location: Cell membrane
Clonality: Recombinant	CloneNo.: 7C8	
GeneID: 3674	SWISS: P08514	
Target: CD41/ITGA2B		
Immunogen: A synthesized peptide derived from human Integrin alpha 2b: 50-100.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: This gene encodes a member of the integrin alpha chain family of proteins. The encoded preproprotein is proteolytically processed to generate light and heavy chains that associate through disulfide linkages to form a subunit of the alpha-IIb/beta-3 integrin cell adhesion receptor. This receptor plays a crucial role in the blood coagulation system, by mediating platelet aggregation. Mutations in this gene are associated with platelet-type bleeding disorders, which are characterized by a failure of platelet aggregation, including Glanzmann thrombasthenia. [provided by RefSeq, Jan 2016]		

— VALIDATION IMAGES —

Paraformaldehyde-fixed, paraffin embedded Human Spleen; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with CD41/ITGA2B Monoclonal Antibody, Unconjugated (bsm-52912R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.

— SELECTED CITATIONS —

- **[IF=12.5]** Ya-Xuan Zhu. et al. In situ coagulation environment regulation-assisted thrombus clearance via hydrogenated silicon-based nanothrombolytics. SCI ADV. 2026 Feb;12(6) IF ;Mouse. 41650270