

bsm-52775R**[Primary Antibody]**

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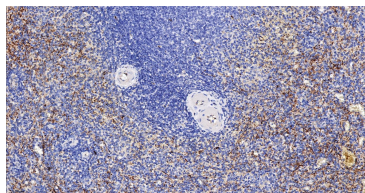
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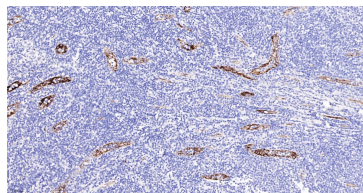
400-901-9800

VWF Recombinant Rabbit mAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:800-2000) IHC-F (1:800-2000) IF (1:800-2000) Reactivity: Human, Mouse Predicted MW.: 309 kDa Subcellular Location: Secreted ,Extracellular matrix
Clonality: Recombinant	CloneNo.: 9C2	
GeneID: 7450	SWISS: P04275	
Target: VWF		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 1*TBS (pH7.4), 0.05% BSA, 40% Glycerol. Preservative: 0.02% Proclin300. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: Von Willebrand Factor (VWF) was previously known as Factor VIII related antigen. VWF is synthesized exclusively by endothelial cells and megakaryocytes, and stored in the intracellular granules or constitutively secreted into plasma. This glycoprotein functions as both an antihemophilic factor carrier and a platelet vessel wall mediator in the blood coagulation system. Important in the maintenance of homeostasis, it participates in platelet vessel wall interactions by forming a noncovalent complex with coagulation factor VIII at the site of vascular injury. The Von Willebrand factor has functional binding domains to platelet glycoprotein Ib, glycoprotein IIb/IIIa, collagen and heparin. Mutations in this gene or deficiencies in this protein result in Von Willebrand's disease. VWD is characterized by frequent bleeding (gingival, minor skin quantitative lacerations, menorrhagia, etc.).		

— 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 VWF Monoclonal Antibody, Unconjugated (bsm-52775R) at 1:1000 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Tonsil; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with VWF Monoclonal Antibody, Unconjugated (bsm-52775R) at 1:1000 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.

— SELECTED CITATIONS —

- **[IF=12.9]** Tang Yong. et al. Megakaryocytic TGFβ1 orchestrates osteogenesis of LepR+ SSCs to alleviate radiation-induced bone loss. EXP MOL MED. 2026 Jan;;1-17 IF ;Mouse. 41535546