

bs-10048R**[Primary Antibody]****BioSS**
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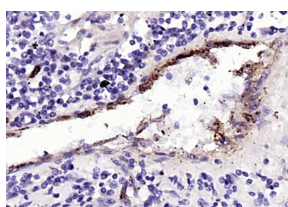
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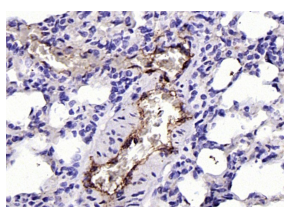
400-901-9800

Von Willebrand Factor Rabbit pAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500)
Clonality: Polyclonal		IHC-F (1:100-500)
GeneID: 7450	SWISS: P04275	IF (1:100-500)
Target: Von Willebrand Factor		Reactivity: Human, Rat (predicted: Mouse)
Immunogen: KLH conjugated synthetic peptide derived from human VWF/Von Willebrand Factor: 1651-1800/2813.		
Purification: affinity purified by Protein A		Predicted MW.: 226/309 kDa
Concentration: 1mg/ml		Subcellular Location: Secreted ,Extracellular matrix
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: 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 lung carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Von Willebrand Factor) Polyclonal Antibody, Unconjugated (bs-10048R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat lung); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Von Willebrand Factor) Polyclonal Antibody, Unconjugated (bs-10048R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

— SELECTED CITATIONS —

- **[IF=7.9]** Ya-xin Shi. et al. Paris polyphylla ethanol extract and polyphyllin I ameliorate adenomyosis by inhibiting epithelial–mesenchymal transition. PHYTOMEDICINE. 2024 Feb;155461 IF ;Human. 38452697
- **[IF=7.31]** Zachary M. Harris. et al. Epidermal Growth Factor Receptor Inhibition Is Protective in Hyperoxia-Induced Lung

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

- Injury.. OXID MED CELL LONGEV. 2022 Sep;2022:9518592-9518592 IF ;Mouse. 36193076
- **[IF=5.57]** Zhang C et al. Superparamagnetic iron oxide (SPIO) nanoparticles labeled endothelial progenitor cells (EPCs) administration inhibited heterotopic ossification in rats. Nanomedicine. 2019 Aug 7;21:102078. IHC,WB ;Rat. 31400573
 - **[IF=3.738]** Yilmaz Seher. et al. Determination of Rutin's antitumoral effect on EAC solid tumor by AgNOR count and PI3K/AKT/mTOR signaling pathway. MED ONCOL. 2023 May;40(5):1-12 IHC ;Mouse. 36971893
 - **[IF=2.6]** Zilu Wang. et al. Establishment of an immortalized cell line derived from human adenomyosis ectopic lesions. TISSUE CELL. 2023 Dec;:102284 IF ;Human. 38134573