

bs-2974R**[Primary Antibody]****BioSS**
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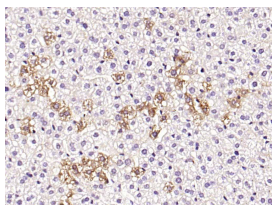
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400-901-9800

Factor VIII Rabbit pAb**— DATASHEET —**

Host: Rabbit Clonality: Polyclonal Target: Factor VIII Immunogen: KLH conjugated synthetic peptide derived from Rabbit Factor VIII: 85-190/2351. 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 coagulation factor VIII, which participates in the intrinsic pathway of blood coagulation; factor VIII is a cofactor for factor IXa which, in the presence of Ca ²⁺ and phospholipids, converts factor X to the activated form Xa. This gene produces two alternatively spliced transcripts. Transcript variant 1 encodes a large glycoprotein, isoform a, which circulates in plasma and associates with von Willebrand factor in a noncovalent complex. This protein undergoes multiple cleavage events. Transcript variant 2 encodes a putative small protein, isoform b, which consists primarily of the phospholipid binding domain of factor VIIIc. This binding domain is essential for coagulant activity. Defects in this gene results in hemophilia A, a common recessive X-linked coagulation disorder. [provided by RefSeq, Jul 2008].	Isotype: IgG Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Mouse (predicted: Human, Rat, Rabbit, Pig, Cow, Dog) Predicted MW.: 200/259 kDa Subcellular Location: Secreted ,Extracellular matrix
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— VALIDATION IMAGES —

Paraformaldehyde-fixed, paraffin embedded (mouse liver); 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 (Factor VIII) Polyclonal Antibody, Unconjugated (bs-2974R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

— SELECTED CITATIONS —

- **[IF=5.818]** Xiaoxiao Song. et al. Effects of Highly Pathogenic Porcine Reproductive and Respiratory Syndrome Virus Infection on the Surface Glycoprofiling of Porcine Pulmonary Microvascular Endothelial Cells. VIRUSES-BASEL. 2022 Nov;14(11):2569 IF ;Pig. 36423178
- **[IF=4.75]** Zhao, Yuechao, et al. "Estrogen-Induced CCN1 is Critical for Establishment of Endometriosis-like Lesions in

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- Mice." Molecular Endocrinology (2014). IHC ;="Mouse". 25321413
- **[IF=4.51]** Ning et al. Calcyclin-binding protein inhibits proliferation, tumorigenicity, and invasion of gastric cancer. (2007) Mol.Cancer.Re. 5:1254-62 IHC ;Mouse. 18171983
 - **[IF=5.201]** Qiong Li. et al. CD73+ Mesenchymal Stem Cells Ameliorate Myocardial Infarction by Promoting Angiogenesis. Front Cell Dev Biol. 2021; 9: 637239 WB,IHC ;Rat. 34055772
 - **[IF=2.81]** Zhu et al. Stereoselective Regulation of P-gp Activity by Clausenamide Enantiomers in Caco-2, KB/KBv and Brain Microvessel Endothelial Cells. (2015) PLoS.On. 10:e0135866 ICC ;Rat. 26295572