

bs-0332R**[Primary Antibody]****factor VIII Rabbit pAb****BioSS**
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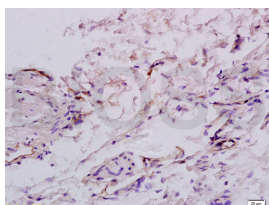
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— DATASHEET —

Host: Rabbit Clonality: Polyclonal GeneID: 2157 Target: factor VIII Immunogen: KLH conjugated synthetic peptide derived from human factor VIII: 1451-1550/2351. 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 SWISS: P00451 Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Human Predicted MW.: 230 kDa Subcellular Location: Secreted ,Extracellular matrix
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— VALIDATION IMAGES —

Tissue/cell: human colon carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Incubation: Anti-factor VIII(FVIII)(human) Polyclonal Antibody, Unconjugated(bs-0332R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

— SELECTED CITATIONS —

- **[IF=10.633]** Hongyan Kang, et al. Impaired endothelial cell proliferative, migratory, and adhesive abilities are associated with the slow endothelialization of polycaprolactone vascular grafts implanted into a hypercholesterolemia rat model. ACTA BIOMATER. 2022 Jul; Other ; 35811068

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

- **[IF=3.77]** Dingwen Xu. et al. Sympathetic activation leads to Schlemm's canal expansion via increasing vasoactive intestinal polypeptide secretion from trabecular meshwork. EXP EYE RES. 2022 Nov;224:109235 IF ;Rat. 36049555
- **[IF=3.32]** Hu, Bin, et al. "IFN - γ Inhibits Osteopontin Expression in Human Decidual Stromal Cells and can be Attenuated by 1 alpha, 25 - Dihydroxyvitamin D3." American Journal of Reproductive Immunology 68.4 (2012): Other ;Human. 22784028
- **[IF=2.66]** Li et al. Suppression of bladder cancer cell tumorigenicity in an athymic mouse model by adenoviral vector-mediated transfer of LRIG1. (2011) Oncol.Re. 26:439-46 IHC ;Mouse. 21567105
- **[IF=0.603]** Li H et al. miR-33 and RIP140 participate in LPS-induced acute lung injury. Turk J Med Sci. 2019 Feb 11;49(1):422-428. ICC ;Mouse. 30761836