

bs-10397R**[Primary Antibody]****Bioss**
ANTIBODIES

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400-901-9800

Factor VIII B chain Rabbit pAb**— DATASHEET —**

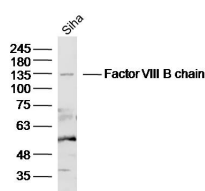
Host: Rabbit	Isotype: IgG
Clonality: Polyclonal	
GeneID: 2157	SWISS: P00451
Target: Factor VIII B chain	
Immunogen: KLH conjugated synthetic peptide derived from human Factor VIII B chain: 1101-1200/2351.	
Purification: affinity purified by Protein A	
Concentration: 1mg/ml	
Storage: 0.01M TBS (pH7.4) 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].	

Applications: **WB** (1:500-2000)
IHC-P (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)

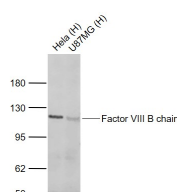
Reactivity: Human

Predicted
MW.: 138 kDa

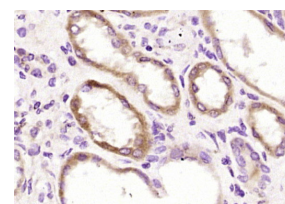
Subcellular Secreted ,Extracellular
Location: matrix

— VALIDATION IMAGES —

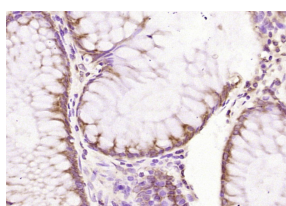
Sample: SiHa Cell (Human) Lysate at 40 ug
 Primary: Anti-Factor VIII B chain(bs-10397R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 138kD Observed band size: 135kD



Sample: Lane 1: HeLa (Human) Cell Lysate at 30 ug
 Lane 2: U87MG (Human) Cell Lysate at 30 ug
 Primary: Anti-Factor VIII B chain (bs-10397R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 110 kD Observed band size: 110 kD



Paraformaldehyde-fixed, paraffin embedded (Human kidney); 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 B chain) Polyclonal Antibody, Unconjugated (bs-10397R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded

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

(human colon 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 (Factor VIII B chain) Polyclonal Antibody, Unconjugated (bs-10397R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.