

bs-34063R**[Primary Antibody]****BioSS**
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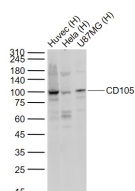
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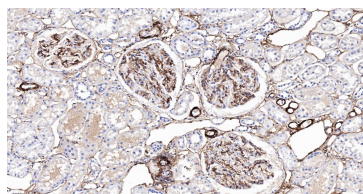
400-901-9800

CD105 Rabbit pAb**— DATASHEET —**

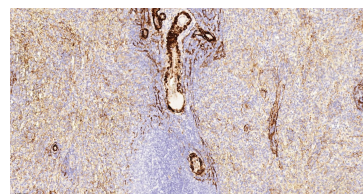
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		IHC-P (1:100-500)
GeneID: 2022	SWISS: P17813	IHC-F (1:100-500)
Target: CD105		IF (1:100-500)
Immunogen: KLH conjugated synthetic peptide derived from human CD105: 351-450/625. < Extracellular >		Reactivity: Human
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		Predicted MW.: 70 kDa
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.		Subcellular Location: Cell membrane
Background: This gene encodes a homodimeric transmembrane protein which is a major glycoprotein of the vascular endothelium. This protein is a component of the transforming growth factor beta receptor complex and it binds to the beta1 and beta3 peptides with high affinity. Mutations in this gene cause hereditary hemorrhagic telangiectasia, also known as Osler-Rendu-Weber syndrome 1, an autosomal dominant multisystemic vascular dysplasia. This gene may also be involved in preeclampsia and several types of cancer. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2013]		

— VALIDATION IMAGES —

Sample: Lane 1: Huvec (Human) Cell Lysate at 30 ug
Lane 2: Hela (Human) Cell Lysate at 30 ug
Lane 3: U87MG (Human) Cell Lysate at 30 ug
Primary: Anti-CD105 (bs-34063R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 90 kD
Observed band size: 100 kD



Paraformaldehyde-fixed, paraffin embedded Human Kidney; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with CD105 Polyclonal Antibody, Unconjugated (bs-34063R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Spleen; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with CD105 Polyclonal Antibody, Unconjugated (bs-34063R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.

— SELECTED CITATIONS —

- **[IF=10.5]** Xiao-Ling Zhang. et al. A single molecule carrier for ocular posterior segment diseases. J CONTROL RELEASE. 2024 Oct;; IF ;Mouse. 39490420
- **[IF=6.7]** Lijuan Shi. et al. Vascularized characteristics and functional regeneration of three-dimensional cell reconstruction of oral mucosa equivalents based on vascular homeostasis phenotypic modification. J TISSUE ENG. ;(): WB ;Human. 39301507
- **[IF=5.923]** Jiaqiang Deng. et al. Curcumin Alleviates the Senescence of Canine Bone Marrow Mesenchymal Stem Cells during In Vitro Expansion by Activating the Autophagy Pathway. Int J Mol Sci. 2021 Jan;22(21):11356 FCM ;Dog. 34768788

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

- **[IF=3.5]** Minjuan Li. et al. Luopan Mountain Pig Bone Marrow Mesenchymal Stem Cells Promote Liver Regeneration in D-Galactosamine-Induced Acute Liver Failure Rats by Regulating the PTEN-PI3K/Akt/mTOR Pathway. BIOLOGY-BASEL. 2025 Oct;14(10):1363 IF ;Porcine. 41154766