

**bsm-41201R****[ Primary Antibody ]****BioSS**  
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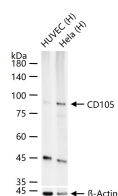
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**CD105 Recombinant Rabbit mAb****— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> WB (1:500-2000)  <b>Reactivity:</b> Human  <b>Predicted MW.:</b> 70 kDa  <b>Subcellular Location:</b> Cell membrane
<b>Clonality:</b> Recombinant	<b>CloneNo.:</b> 3A8	
<b>GeneID:</b> 2022	<b>SWISS:</b> P17813	
<b>Target:</b> CD105		
<b>Immunogen:</b> Recombinant human CD105 Protein: 26-586/658.		
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> 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.		
<b>Background:</b> 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 —**

25 ug total protein per lane of various lysates (see on figure) probed with CD105 monoclonal antibody, unconjugated (bsm-41201R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.