

bsm-41201M

[Primary Antibody]

CD105 Mouse mAb

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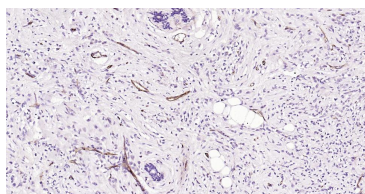
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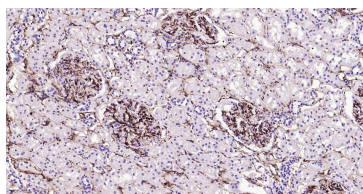
— DATASHEET —

Host: Mouse	Isotype: IgG1	Applications: IHC-P (1:200-2000) IHC-F (1:200-2000) IF (1:200-2000) Reactivity: Human Predicted MW.: 70 kDa Subcellular Location: Cell membrane
Clonality: Monoclonal	CloneNo.: 1E9	
GeneID: 2022	SWISS: P17813	
Target: CD105		
Immunogen: Recombinant human CD105 : 26-586/658 (C-6x His-Tag). < Extracellular >		
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 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]		

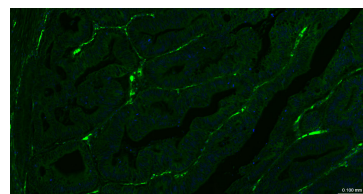
— VALIDATION IMAGES —



Paraformaldehyde-fixed, paraffin embedded Human Breast Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with CD105 Monoclonal Antibody, Unconjugated (ascites of bsm-41201M) at 1:1500 overnight at 4°C, followed by conjugation to the bs-40296G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Kidney; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with CD105 Monoclonal Antibody, Unconjugated (ascites of bsm-41201M) at 1:1500 overnight at 4°C, followed by conjugation to the bs-40296G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Colon Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with CD105 Monoclonal Antibody, Unconjugated (bsm-41201M) at 1:200 overnight at 4°C. Followed by conjugated Goat Anti-Mouse IgG antibody (green, bs-0296G-BF488), DAPI (blue, C02-04002) was used to stain the cell nuclei.