

产品名称: CD105 Mouse Monoclonal Antibody
产品货号: AMM82667



产品概述 (Summary)

产品名称 (Production Name)	CD105 Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,IHC,ELISA,FC
种属反应性 (Reactivity)	Human

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	Mouse IgG1
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Purified antibody in PBS with 0.05% sodium azide
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	CD105
别名 (Alternative Names)	ENG; END; HHT1; ORW1
基因 ID (Gene ID)	2022.0
蛋白 ID (SwissProt ID)	P17813.Purified recombinant fragment of human CD105 (AA: extra 342-586) expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	70.6kDa

研究背景 (Background)

This gene encodes a homodimeric transmembrane protein which is a major glycoprotein of the vascular endothelium. This

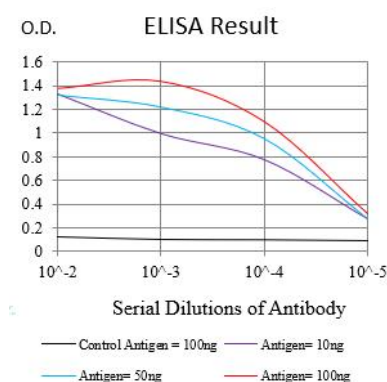
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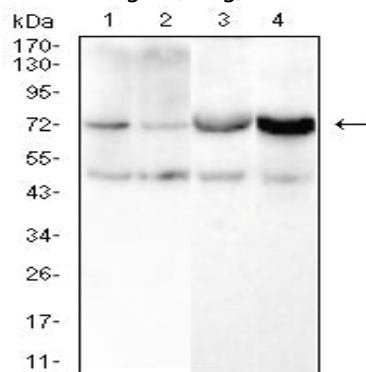
protein is a component of the transforming growth factor beta receptor complex and it binds to the beta1 and beta3 peptides with high affinity. Mutations in this gene cause hereditary hemorrhagic telangiectasia, also known as Osler-Rendu-Weber syndrome 1, an autosomal dominant multisystemic vascular 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.

研究领域 (Research Area)

图片 (Image Data)

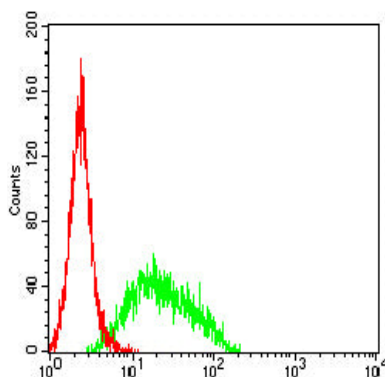


Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)

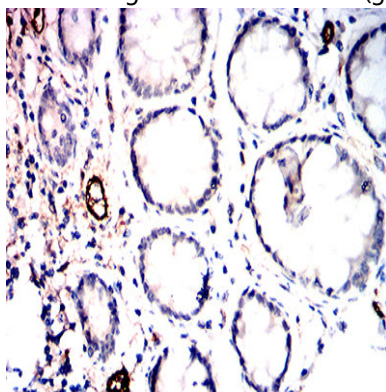


Western blot analysis using CD105 mouse mAb against HUVEC (1), HUVE-12 (2), SH-SY5Y (3), and HEK293 (4) cell lysate.

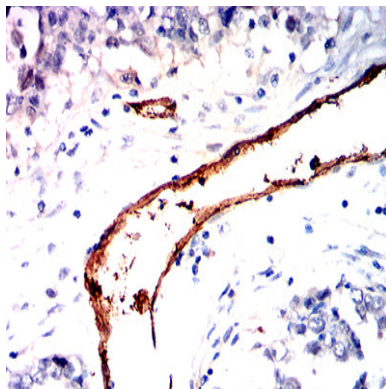
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Flow cytometric analysis of THP-1 cells using CD105 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human rectum tissues using CD105 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human endometrial cancer tissues using CD105 mouse mAb with DAB staining.

注意事项 (Note)

For research use only .