

产品名称: CD105 (15P10) Rabbit Monoclonal Antibody
产品货号: AMRe08183



产品概述 (Summary)

产品名称 (Production Name)	CD105 (15P10) Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,IF-P
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)	IgG
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)	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% protective protein.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	ENG
别名 (Alternative Names)	CD105; END; Endoglin; Eng; HHT1; ORW; ORW1; SN6;
基因 ID (Gene ID)	2022.0
蛋白 ID (SwissProt ID)	P17813.A synthetic peptide of human CD105

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:1000-1:5000,IHC 1:200-1:500,IF-P 1:200-1:500
蛋白分子量 (Molecular Weight)	71kDa

研究背景 (Background)

Major glycoprotein of vascular endothelium. May play a critical role in the binding of endothelial cells to integrins and/or

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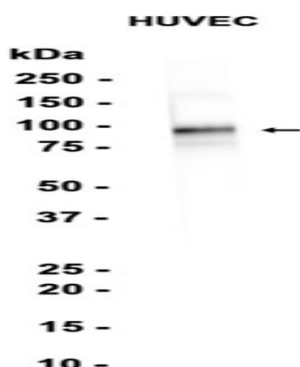


other RGD receptors. Vascular endothelium glycoprotein that plays an important role in the regulation of angiogenesis (PubMed: [21737454](http://www.uniprot.org/citations/21737454), PubMed: [23300529](http://www.uniprot.org/citations/23300529)). Required for normal structure and integrity of adult vasculature (PubMed: [7894484](http://www.uniprot.org/citations/7894484)). Regulates the migration of vascular endothelial cells (PubMed: [17540773](http://www.uniprot.org/citations/17540773)). Required for normal extraembryonic angiogenesis and for embryonic heart development (By similarity). May regulate endothelial cell shape changes in response to blood flow, which drive vascular remodeling and establishment of normal vascular morphology during angiogenesis (By similarity). May play a critical role in the binding of endothelial cells to integrins and/or other RGD receptors (PubMed: [1692830](http://www.uniprot.org/citations/1692830)). Acts as TGF-beta coreceptor and is involved in the TGF-beta/BMP signaling cascade that ultimately leads to the activation of SMAD transcription factors (PubMed: [8370410](http://www.uniprot.org/citations/8370410), PubMed: [21737454](http://www.uniprot.org/citations/21737454), PubMed: [22347366](http://www.uniprot.org/citations/22347366), PubMed: [23300529](http://www.uniprot.org/citations/23300529)). Required for GDF2/BMP9 signaling through SMAD1 in endothelial cells and modulates TGFB1 signaling through SMAD3 (PubMed: [21737454](http://www.uniprot.org/citations/21737454), PubMed: [22347366](http://www.uniprot.org/citations/22347366), PubMed: [23300529](http://www.uniprot.org/citations/23300529)).

研究领域 (Research Area)

Epigenetics and Nuclear Signaling

图片 (Image Data)



Western blot analysis of extracts from HUVEC cells using RM6049 at 1:1000.

注意事项 (Note)

For research use only .

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