

Recombinant Endoglin/CD105 Monoclonal Antibody

catalog number: **AN300012P**

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

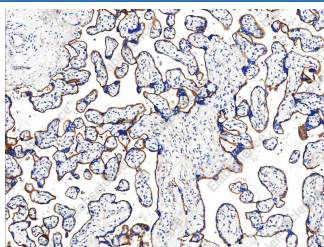
Reactivity	Human;Rat
Immunogen	Recombinant Human Endoglin / CD105 protein
Host	Rabbit
Isotype	Rabbit IgG
Clone	C720012
Purification	Protein A
Buffer	0.2 µm filtered solution in PBS

Applications

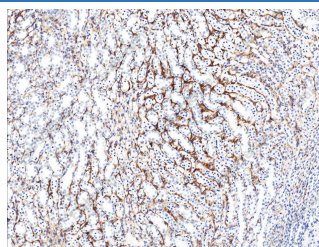
Recommended Dilution

WB: 1:1000; IHC-P: 1:500-1:2000; IP: 1:20

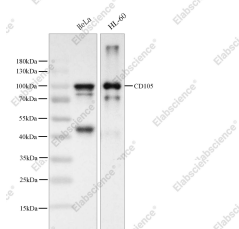
Data



Immunohistochemical analysis of paraffin-embedded Human placenta tissue sections using Endoglin/CD105 Antibody (AN300012P) at a dilution of 1:750 (10× lens). Heat mediated antigen retrieval was performed with Tris-EDTA buffer (pH 9.0) for 20 min prior to IHC staining.



Immunohistochemical analysis of paraffin-embedded Rat kidney tissue sections using Endoglin/CD105 Antibody (AN300012P) at a dilution of 1:750 (10× lens). Heat mediated antigen retrieval was performed with Tris-EDTA buffer (pH 9.0) for 20 min prior to IHC staining.



Western blot analysis of HeLa and HL-60 cell lysates using Endoglin/CD105 Antibody (AN300012P) at a dilution of 1:1000.

Observed-MW:95 kDa

Calculated-MW:71 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

For Research Use Only

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Rev. V1.8

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]