

CD105 Rabbit Polyclonal Antibody

OPR17746

Reactivity	H,M,R	Storage	-20°C,Avoid freeze/ thaw cycles
Host	Rabbit	Applications	IHC;IF;WB
Isotype	IgG	Concentration	1 mg/mL

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

Images



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight).

2,Tris-EDTA,pH 9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45 min).

Immunogen Information

Immunogen	Synthesized peptide derived from human CD105
Swissprot	P17813
Synonyms	Endoglin (CD antigen CD105)

Product Information

Observed MW	72 kDa
Buffer	PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Dilution	IHC-p 1:50-200, WB 1:500-2000

Other applications have not been tested. Optimal dilutions/concentrations should be determined by the end user

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.

Research Use

For research use only, not for use in diagnostic procedure.

Legend

Applications: WB-Western Blot; IHC-Immunohistochemistry; IF-Immunofluorescence; IP-Immunoprecipitation; FC-Flow cytometry;ChIP-Chromatin Immunoprecipitation

Reactivity: H-Human; R-Rat; M-Mouse; Mk-Monkey; Dg-Dog; Ch-Chicken; Hm-Hamster; Rb-Rabbit; Sh- Sheep; Pg-Pig; Z-Zebrafish;X-Xenopus; C-Cow.

Please contact Origin Diagnostics and Research for further assistance

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