CD105 Mouse Monoclonal Antibody

E10-30221

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 TGFB1 and TGFB3 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.

Catalog Number: E10-30221

Amount: 100μg/100μl

Clone Number: 3A9

Species: Mouse IgG1

MW: 71kDa

Aliases: ENG; END; ORW; HHT1; ORW1; CD105; FLJ41744

Entrez Gene: 2022

Immunogen: Purified recombinant fragment of human CD105 expressed in E. Coli.

Storage: Store at 4℃, for long term storage, store at -20℃.

Formulation: Ascitic fluid containing 0.03% sodium azide.

Species Reactivities: Human

Tested Applications: WB, IHC, IF, FC, ELISA. Not yet tested in other applications.

Application notes: WB: 1/500 - 1/2000, IHC: 1/200 - 1/1000, IF: 1/200 - 1/1000, FC: 1/200 - 1/400, ELISA: Propose dilution 1/10000.

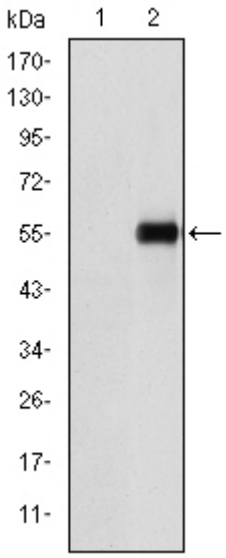


Figure 1: Western blot analysis using CD105 mAb against HEK293 (1) and CD105-hIgGFc transfected HEK293 (2) cell lysate.

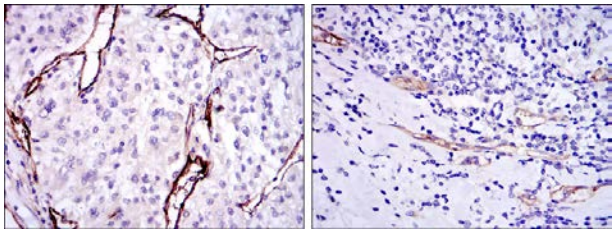
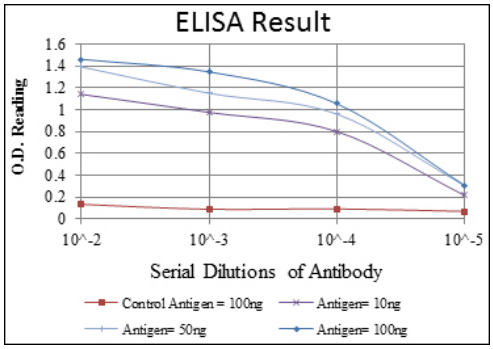


Figure 2: Immunohistochemical analysis of paraffin-embedded kidney cancer tissues (left) and stomach cancer tissues (right) using CD105 mouse mAb with DAB staining.



For Research Use Only