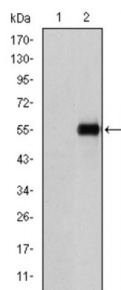


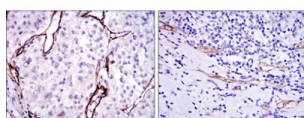
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Endoglin (ENG) Antibody

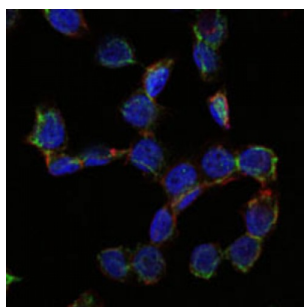
Catalogue No.: abx011982



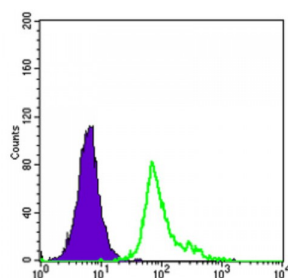
Western blot analysis using CD105 antibody against HEK293 (1) and CD105 (AA: 331-567) - hlgGfC transfected HEK293 (2) cell lysate.



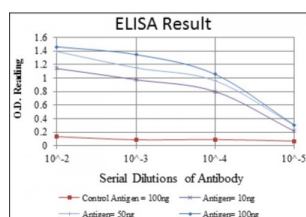
Immunohistochemical analysis of paraffin-embedded kidney cancer tissues (left) and stomach cancer tissues (right) using CD105 antibody with DAB staining.



Immunofluorescence analysis of HepG2 cells using CD105 antibody (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



Flow cytometric analysis of HepG2 cells using CD105 antibody (green) and negative control (purple).



Red: Control Antigen (100ng) ; Purple: Antigen (10ng) ; Green: Antigen (50ng) ; Blue: Antigen (100ng).

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 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.

Target: CD105

Reactivity: Human

Host: Mouse

Clonality: Monoclonal

Tested Applications: ELISA, WB, IHC, IF/ICC, FCM

Recommended dilutions: ELISA: 1/10000, WB: 1/500 - 1/2000, IHC: 1/200 - 1/1000, IF/ICC: 1/200 - 1/1000, FCM: 1/200 - 1/400. Optimal dilutions/concentrations should be determined by the end user.

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

Purification: Unpurified Ascites.

Isotype: IgG₁

Conjugation: Unconjugated

Storage: Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.

Molecular Weight: 71 kDa

Swiss Prot: [P17813](#)

GeneID: [2022](#)

Gene Symbol: ENG

OMIM: [131195](#)

HGNC: 3349

Ensembl: ENSG00000106991

Buffer: Ascitic fluid containing 0.03% sodium azide.

Note: This product is for research use only.