

Product datasheet for TA336920

CD105 (ENG) Mouse Monoclonal Antibody [Clone ID: 3A9]

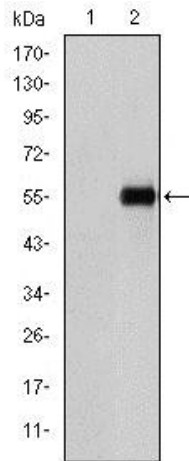
Product data:

Product Type:	Primary Antibodies
Clone Name:	3A9
Applications:	ELISA, FC, IF, IHC, WB
Recommend Dilution:	WB: 1:500-1:2000, ELISA: 1:10000, FC: 1:200-1:400, IF: 1:200-1:1000, IHC-P: 1:200-1:1000
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified recombinant fragment of human CD105 expressed in E. coli. [UniProt# P17813]
Formulation:	PBS, 0.03% Sodium Azide. Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Concentration:	1 mg/ml
Purification:	Ammonium sulfate precipitation
Predicted Protein Size:	71 kDa
Gene Name:	endoglin
Database Link:	NP_000109 Entrez Gene 2022 Human
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.
Synonyms:	END; HHT1; ORW1
Note:	This CD105 (3A9) antibody is useful for Western blot, Immunohistochemistry on paraffin-embedded sections, Immunocytochemistry/Immunofluorescence, Flow Cytometry and ELISA.
Protein Families:	Druggable Genome, ES Cell Differentiation/IPS, Transmembrane

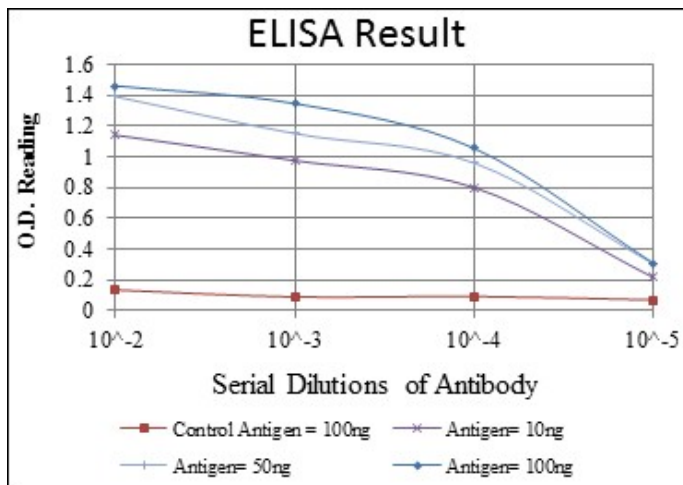


[View online »](#)

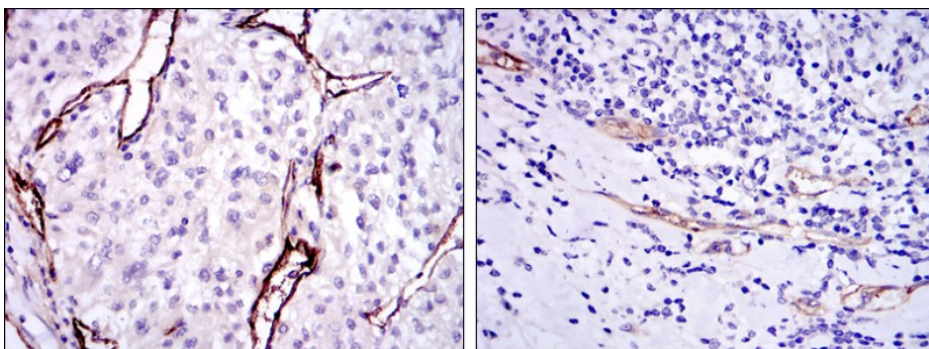
Product images:



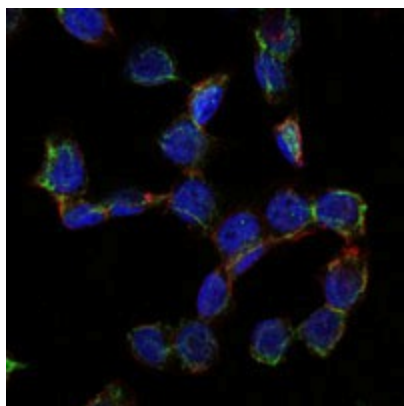
Western Blot: CD105 Antibody (3A9) TA336920 - Western blot analysis using CD105 mAb against HEK293 (1) and CD105 (AA: 331-567)-hIgGfc transfected HEK293 (2) cell lysate.



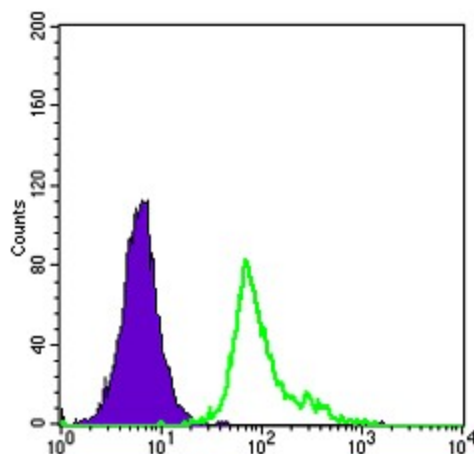
ELISA: CD105 Antibody (3A9) TA336920 - Red: Control Antigen (100ng); Purple: Antigen (10ng); Green: Antigen (50ng); Blue: Antigen (100ng).



Immunohistochemistry-Paraffin: CD105 Antibody (3A9) TA336920 - Immunohistochemical analysis of paraffin-embedded kidney cancer tissues (left) and stomach cancer tissues (right) using CD105 mouse mAb with DAB staining.



Immunocytochemistry/Immunofluorescence:
CD105 Antibody (3A9) TA336920 -
Immunofluorescence analysis of HepG2 cells
using CD105 mouse mAb (green). Blue: DRAQ5
fluorescent DNA dye. Red: Actin filaments have
been labeled with Alexa Fluor-555 phalloidin.



Flow Cytometry: CD105 Antibody (3A9) TA336920
- Flow cytometric analysis of HepG2 cells using
CD105 mouse mAb (green) and negative control
(purple).