

Mouse anti-Human CD105 Monoclonal Antibody | anti-CD105 antibody

CD105 Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA319986	Mouse	Human	ELISA, Flow Cytometry, Functional Assay, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

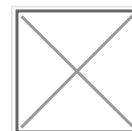
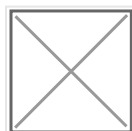
CD105; Monoclonal Antibody; CD105 Monoclonal Antibody; Endoglin; ENG; END; CD antigen CD105; anti-CD105 antibody

PRODUCT SPECIFICATIONS

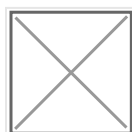
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Specificity	CD105 Monoclonal Antibody detects endogenous levels of CD105 protein.
Purity/Purification	Affinity purification
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Applicable Applications for anti-CD105 antibody	ELISA, FCM/FACS (Flow Cytometry), ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of human CD105 expressed in E coli.
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES

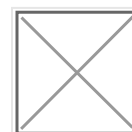
Application Data


FCM/FACS (Flow Cytometry)

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


IF (Immunofluorescence)

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


IHC (Immunohistochemistry)

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



WB (Western Blot)

Western Blot analysis using CD105 Monoclonal Antibody against HEK293 (1) and CD105-hlgGfc transfected HEK293 (2) cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-CD105 antibody	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]
Product Categories/Family for anti-CD105 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557555
NCBI GeneID	2022
NCBI Accession #	NP_000109.1
NCBI GenBank Nucleotide #	NM_000118.2
UniProt Accession #	P17813; Q14248; Q14926; Q5T9C0
Molecular Weight	70,578 Da
NCBI Official Full Name	endoglin isoform 2
NCBI Official Synonym Full Names	endoglin
NCBI Official Symbol	ENG
NCBI Official Synonym Symbols	END; ORW; HHT1; ORW1; CD105
NCBI Protein Information	endoglin; CD105 antigen
UniProt Protein Name	Endoglin
UniProt Gene Name	ENG
UniProt Synonym Gene Names	END
UniProt Entry Name	EGLN_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd105-antibody-flow-cytometry-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/319986>