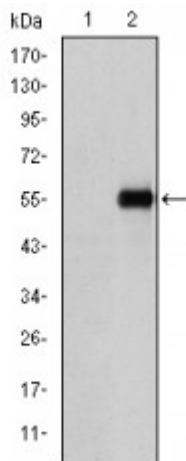


Anti-CD105 antibody



Description	Mouse monoclonal to CD105.
Model	STJ97903
Host	Mouse
Reactivity	Human
Applications	ELISA, FC, IF, IHC, WB
Immunogen	Purified recombinant fragment of human CD105 expressed in E. Coli.
Gene ID	2022
Gene Symbol	ENG
Dilution range	WB 1:500-1:2000IHC 1:200-1:1000IF 1:200-1:1000FC 1:200-1:400ELISA 1:10000
Specificity	CD105 Monoclonal Antibody detects endogenous levels of CD105 protein.
Tissue Specificity	Endoglin is restricted to endothelial cells in all tissues except bone marrow.
Purification	Affinity purification
Clone ID	3A9
Note	For Research Use Only (RUO).
Protein Name	Endoglin CD antigen CD105
Clonality	Monoclonal
Conjugation	Unconjugated
Isotype	IgG1

Formulation	Ascitic fluid containing 0.03% sodium azide.
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:3349OMIM:131195
Alternative Names	Endoglin CD antigen CD105
Function	Major glycoprotein of vascular endothelium. Involved in the regulation of angiogenesis. May play a critical role in the binding of endothelial cells to integrins and/or other RGD receptors. Acts as TGF-beta coreceptor and is involved in the TGF-beta/BMP signaling cascade. Required for GDF2/BMP9 signaling through SMAD1 in endothelial cells and modulates TGF-beta1 signaling through SMAD3.
Cellular Localization	Membrane. Single-pass type I membrane protein.

St John's Laboratory Ltd

F +44 (0)207 681 2580

T +44 (0)208 223 3081

W <http://www.stjohnslabs.com/>

E info@stjohnslabs.com