

Summary

Production Name	CD105 Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB, IHC-P
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
Purification	Affinity Purification

Immunogen

Gene Name	CD105
Alternative Names	END; HHT1; ORW1
Gene ID	2022
SwissProt ID	P17813.

Application

Dilution Ratio	WB: 1:1000 IHC-P: 1:200-1:1000
Molecular Weight	Calculated MW:71 kDa; Observed MW:95 kDa

Background

This gene encodes a homodimeric transmembrane protein which is a major glycoprotein of the vascular endothelium. This

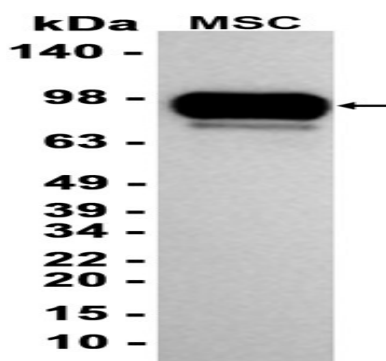
Product Name: CD105 Rabbit Monoclonal Antibody
Catalog #: AMRe86469



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]

Research Area

Image Data



Western blot analysis of extracts from MSC cells using AMRe86469 at 1:1000.

Note

For research use only.