
Product Name: CD105 Rabbit Monoclonal Antibody**Catalog #: AMRe86931**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,FC,IP
Reactivity	Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
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

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:50-1:200,ICC/IF 1:500-1:1000,FC 1:200-1:500,IP 1:20-1:50
Molecular Weight	Calculated MW:70 kDa; Observed MW:81 kDa

Antigen Information

Gene Name	CD105
Alternative Names	Endo; CD105; AI528660; AI662476; S-endoglin
Gene ID	13805
SwissProt ID	Q63961
Immunogen	Recombinant protein of mouse CD105

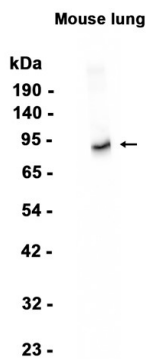
Background

Vascular endothelium glycoprotein that plays an important role in the regulation of angiogenesis (PubMed:10625534). Required for normal structure and integrity of adult vasculature (By similarity). Regulates the migration of vascular endothelial

cells (PubMed:17540773). Required for normal extraembryonic angiogenesis and for embryonic heart development (PubMed:10625534). May regulate endothelial cell shape changes in response to blood flow, which drive vascular remodeling and establishment of normal vascular morphology during angiogenesis (PubMed:28530658).

Research Area

Image Data



Western blot analysis of extracts from Mouse lung tissue using CD105 Rabbit Monoclonal Antibody at 1:1000.