

Recombinant

DGRmAb®

## CD105 (DGR18301) Rabbit mAb

db14715

Package : 10µL 20µL 50µL 100µL

**Product Name :** CD105 (DGR18301) Rabbit mAb**Cat.No.:** db14715**Synonyms :** Endo; CD105; AI528660; AI662476; S-endoglin**Application :** WB, IHC-P, ICC/IF, FC, IP**Reactivity :** Mouse**Host species :** Rabbit**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).

**Immunogen**

Recombinant protein of mouse CD105

**Gene ID**

13805

**Swiss Prot**

Q63961

**Synonyms**

Endo; CD105; AI528660; AI662476; S-endoglin

**Reactivity**

Mouse

**Application**

WB, IHC-P, ICC/IF, FC, IP

**Recommended dilution**WB: 1:1000  
IHC-P: 1:100  
ICC/IF: 1:500-1:1000  
FC: 1:200-1:500  
IP: 1:20-1:50**Calculated MW**

70 kDa

**Observed MW**

81 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

**Clonality No.**

DGR18301

Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.

Mouse lung

Western blot analysis of extracts from Mouse lung tissue using db14715 at 1:1000.

