

Recombinant

DGRmAb®

## CD105 (DGR20444) Rabbit mAb

db14875

Package : 10µL 20µL 50µL 100µL

**Product Name :** CD105 (DGR20444) Rabbit mAb**Cat.No.:** db14875**Synonyms :** END; HHT1; ORW1**Application :** WB, IHC-P, ICC/IF, FC, IP**Reactivity :** Human**Host species :** Rabbit**Background**

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]

**Immunogen**

Recombinant protein of human CD105

**Gene ID**

2022

**Swiss Prot**

P17813

**Synonyms**

END; HHT1; ORW1

**Reactivity**

Human

**Application**

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

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

71 kDa

**Observed MW**

95 kDa

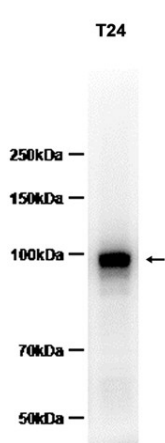
**Host species**

Rabbit

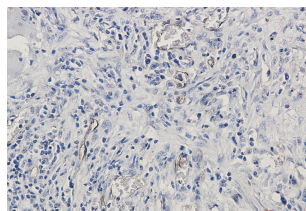
**Clonality**

Monoclonal

Clonality No.	DGR20444
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.



Western blot analysis of extracts from T24 cells using db14875 at 1:1000.



Immunohistochemical analysis of paraffin-embedded human lung cancer using db14875 antibody.