

# Rabbit anti-Human Endoglin/CD105 mAb(CAP)

**Catalog No.:** RM98004

## Basic Information

**Catalog No.**  
RM98004

**Catagory**  
Elisa Antibody Kit

**Application**  
ELISA

## Product Information

**Ig Type**  
Rabbit IgG

**Purification**  
Affinity purification

**Endotoxin Level**

**Storage**  
This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -84°C. Preservative-Free.

**Avoid repeated freeze-thaw cycles.**

**Formulation**  
Supplied as a 0.2um filtered solution in PBS with 0.1% BSA, MB-1, PH 7.8.

## Contact

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## Background

Vascular endothelium glycoprotein that plays an important role in the regulation of angiogenesis (PubMed:21737454, PubMed:23300529). Required for normal structure and integrity of adult vasculature (PubMed:7894484). Regulates the migration of vascular endothelial cells (PubMed:17540773). Required for normal extraembryonic angiogenesis and for embryonic heart development (By similarity). May regulate endothelial cell shape changes in response to blood flow, which drive vascular remodeling and establishment of normal vascular morphology during angiogenesis (By similarity). May play a critical role in the binding of endothelial cells to integrins and/or other RGD receptors (PubMed:1692830). Acts as TGF-beta coreceptor and is involved in the TGF-beta/BMP signaling cascade that ultimately leads to the activation of SMAD transcription factors (PubMed:8370410, PubMed:21737454, PubMed:22347366, PubMed:23300529). Required for GDF2/BMP9 signaling through SMAD1 in endothelial cells and modulates TGFβ1 signaling through SMAD3 (PubMed:21737454, PubMed:22...)

## Immunogen Information

**Immunogen**  
Recombinant Human Endoglin/CD105

## Cross-Reactivity

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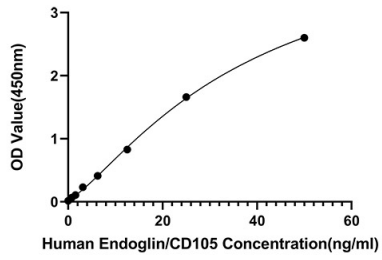
## Assay Applications

Human Endoglin/CD105 Sandwich ELISA Immunoassay

	Recommended Concentration	Sample
ELISA Capture	1-4ug/mL	Rabbit anti- Human Endoglin/CD105(CAP)(Cat. No.RM98004)
ELISA Detection	0.0025-0.01ug/mL	Rabbit anti- Human Endoglin/CD105(DET)(Cat. No.RM98005)
Standard	0.78-50ng/mL	Recombinant Human Endoglin/CD105

## Validation Data

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This standard curve is only for demonstration purposes. A standard curve should be generated for each assay.