

CD105(Endoglin) (ABT123R) Rabbit mAb (Ready to Use)

CatalogNo: YM7251R **Recombinant** 

Key Features

Host Species

- Rabbit

Reactivity

- Human

Applications

- IHC

Isotype

- IgG1, Kappa

Storage

Storage* 2°C to 8°C/1 year, Ship by ice bag

Formulation The prediluted ready-to-use antibody is diluted in phosphate buffer saline containing stabilizing protein and 0.05% Proclin 300

Recommended Dilution Ratios

Ready to use for IHC

Basic Information

Clonality Monoclonal

Clone Number ABT123R

Immunogen Information

Immunogen Synthesized peptide derived from human CD105 AA range:400-500

Specificity This antibody detects endogenous levels of CD105(Endoglin)

Target Information

Gene name	ENG		
Protein Name	CD105 (Endoglin)		
	Organism	Gene ID	UniProt ID
	Human	3662 ;	P17813 ;
Cellular Localization	Cell membrane ; Single-pass type I membrane protein .		
Tissue specificity	Detected on umbilical vein endothelial cells (PubMed:10625079) . Detected in placenta (at protein level) (PubMed:1692830) . Detected on endothelial cells (PubMed:1692830) .		
Function	disease:Defects in ENG are the cause of hereditary hemorrhagic telangiectasia type 1 (HHT1) [MIM:187300 , 108010]; also known as Osler-Rendu-Weber syndrome 1 (ORW1) . HHT1 is an autosomal dominant multisystemic vascular dysplasia , characterized by recurrent epistaxis , muco-cutaneous telangiectases , gastro-intestinal hemorrhage , and pulmonary (PAVM) , cerebral (CAVM) and hepatic arteriovenous malformations; all secondary manifestations of the underlying vascular dysplasia. Although the first symptom of HHT1 in children is generally nose bleed , there is an important clinical heterogeneity. ,function:Major glycoprotein of vascular endothelium. May play a critical role in the binding of endothelial cells to integrins and/or other RGD receptors. ,subunit:Homodimer that forms an heteromeric complex with the signaling receptors for transforming growth factor-beta: TGF-beta receptors I and/or II. It is able to bind TGF-beta 1 , and 3 efficiently and TGF-beta 2 less efficiently. Interacts with TCETX1D4. ,tissue specificity:Endoglin is restricted to endothelial cells in all tissues except bone marrow. ,		

Validation Data

Contact information

Orders: order.cn@immunoway.com
 Support: support.cn@immunoway.com
 Telephone: 400-8787-807(China)
 Website: <http://www.immunoway.com.cn>
 Address: 2200 Ringwood Ave San Jose, CA 95131 USA



Please scan the QR code
 to access additional
 product information:
CD105(Endoglin)
(ABT123R) Rabbit
mAb (Ready to Use)

For Research Use Only. Not for Use in Diagnostic Procedures.

[Antibody](#) | [ELISA Kits](#) | [Protein](#) | [Reagents](#)