

CD105(Endoglin) (ABT123R) rabbit mAb

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| Catalog No : | YM7251 |
| Reactivity : | Human; |
| Applications : | IHC;WB; ELISA |
| Target : | CD105(Endoglin) |
| Gene Name : | ENG |
| Protein Name : | CD105(Endoglin) |
| Human Gene Id : | 3662 |
| Human Swiss Prot No : | P17813 |
| Immunogen : | Synthesized peptide derived from human CD105 AA range:400-500 |
| Specificity : | This antibody detects endogenous levels of CD105(Endoglin) |
| Formulation : | PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA |
| Source : | Monoclonal, Rabbit IgG1, Kappa |
| Dilution : | IHC 1:100-500, WB 1:500-1000, ELISA 1:5000-20000 |
| Purification : | Recombinant Expression and Affinity purified |
| Storage Stability : | -15°C to -25°C/1 year(Do not lower than -25°C) |
| Molecularweight : | 71kD |
| 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

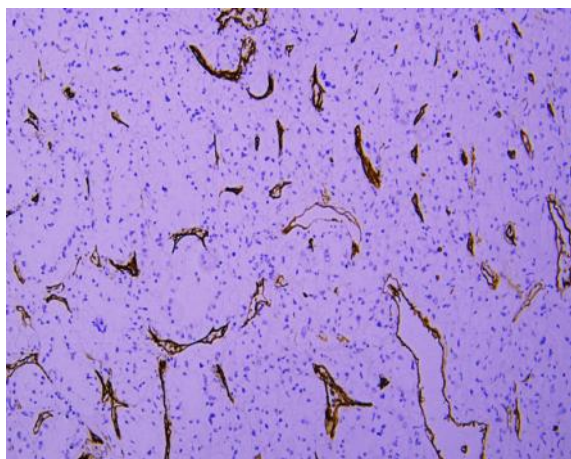
Subcellular Location :

Cell membrane ; Single-pass type I membrane protein .

Expression :

Detected on umbilical vein endothelial cells (PubMed:10625079). Detected in placenta (at protein level) (PubMed:1692830). Detected on endothelial cells (PubMed:1692830).

Products Images



Immunohistochemical analysis of paraffin-embedded human Renal clear cell carcinoma. 1, Antibody was incubated at 4° overnight. 2, TRIS-EDTA of pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).